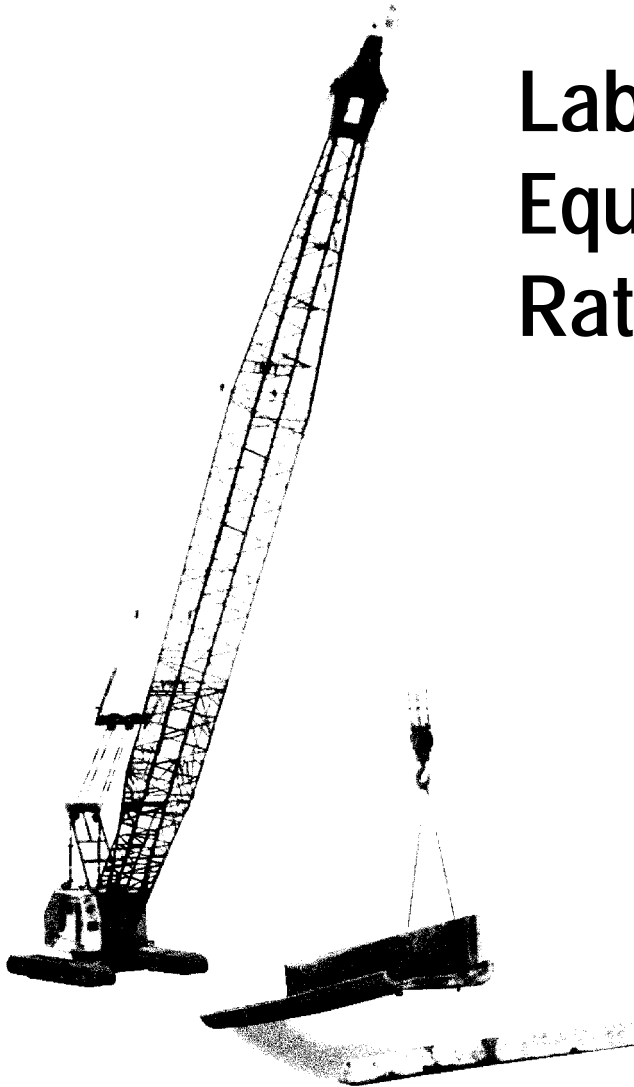


State of California  
Business, Transportation, and Housing Agency

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Department of Transportation  
Construction Program



# Labor Surcharge & Equipment Rental Rates

Effective April 1, 1999 Through March 31, 2000

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# Rental Rate – Equipment Classification Index

## Effective April 1, 1999 through March 31, 2000

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**USER'S GUIDE**  
**FOR LABOR SURCHARGE AND EQUIPMENT RENTAL RATES**  
**April 1, 1999 - March 31, 2000**

Equipment Rental Rates are available on the Internet at:

**<http://www.dot.ca.gov/hq/construc/>**

For additional copies of the "Labor Surcharge and Equipment Rental Rates", send \$8.00 per book (tax included) to:

**CALTRANS PUBLICATIONS**  
**1900 ROYAL OAKS DRIVE**  
**SACRAMENTO, CALIFORNIA 95815**

or by **VISA or MASTERCARD** by telephone at (916) 323-5606

## **Changes**

Changes to the equipment rates in the April 1, 1999 book were the result of : 1) fuel costs decreased; 2) interest rates decreased; 3) Producers' Price Index increased; 4) sales tax was unchanged; and 5) freight (F.O.B.) rates were unchanged. Additionally, low-usage equipment was deleted and newer equipment models were added. A major change in the classification **[TRAIL]** was made to reflect industry nomenclature.

## **Labor Surcharge**

The labor surcharge compensates the contractor for statutory payroll items stipulated by various governmental agencies. The six items included are Workers' Compensation, Social Security, Medicare, Federal Unemployment, State Unemployment, and State Training taxes. The general rate is an average of the job classifications common to Caltrans projects. Changes to the labor surcharge in the April 1, 1999 book were the result of a decrease in Worker's Compensation rates. The rates were derived from using the pure premium rate approved by the Insurance Commissioner effective January 1, 1999 and increasing it by the historical statewide average expense. In the calculation of the labor surcharge for overtime work, the Worker's Compensation is not included on the premium portion of overtime, as provided by Worker's Compensation regulations.

The surcharge percentage to be applied to the actual wages paid as provided in Section 9-1.03A(1b) of the Standard Specifications will **be 15 percent for regular time (RT) and 13 percent for overtime (OT).**

Exceptions to the general rate are listed below. The classifications were chosen because of very high Workers' Compensation Insurance costs. Contractors will be compensated at their employees worker's compensation rating, regardless of work being performed (e.g. "Drilling Contractor" performing traffic control will be compensated at the Drilling Surcharge rate). Questions or disputes should be directed to the Resident Engineer.

## EXCEPTIONS

<u>Type of Work Performed</u>	<u>Labor Surcharge Percent</u>	
	RT	OT
Concrete Construction - Bridge .....	17	15
Drilling .....	23	20
Fence & Guardrail Construction .....	23	20
Erection of structural metal for metal bridges, excluding sign bridge .....	19	16
Landscape Gardener .....	17	15
Mobil Crane & Hoist Service .....	18	16
Painting Steel Structures or Bridges .....	20	17
Pile Driving, not including drilled, cast-in-place concrete piles .....	18	16
Sign Erection or Repair .....	22	19
Wrecking & Demolition .....	17	15

For work that is determined by the Engineer to be covered by Longshoreman and Harbor Worker's Act, an appropriate labor surcharge will be established by the Engineer.

## Background

By the authority described in Standard Specifications Section 9-1.03A, compensation for extra work is determined to be the total of the direct equipment costs (rental rate) plus a 15 percent markup for all overhead not included as direct costs. The direct costs include fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs and maintenance, depreciation, storage, cost of facilities capital, overhaul and all incidentals. The labor costs required to provide the above listed items are also included. The operator cost is not included in the equipment rate.

The calculated rate represents the cost of owning and operating the equipment, which is likely to be lower than the rate charged by a rental yard. The rental yard rate may include additional overhead and profit as well as a premium for short-term rentals. In certain situations, factors are applied to the calculated rates to provide ownership-only rates for delay situations or operating-only rates for overtime situations. The rates are calculated using factors for the direct cost items described above. The factors represent an average and are applied to all makes and models of equipment within the class.

## Overtime and Multiple Shifts

Certain equipment costs are fixed on an annual basis, no matter how many hours are worked. Once an estimate of the costs and hours of use is made, a rate can be determined. When more than the estimated number of hours are worked (Overtime or Multiple Shift), a duplication of payment occurs on the fixed cost portion of the equipment rate.

In order to avoid this duplication, Caltrans uses a reduced rate for the Overtime or Multiple Shift situations. The definition of the Overtime or Multiple Shift periods will be:

**Overtime hours occur after the equipment has worked at force account, eight hours per day (or after the daily equivalent of forty hours per week for special work schedules - 4/10 or 9/80). Multiple shift hours will be paid at the same rate as overtime hours.**

The hours shown on the Daily Extra Work Bill will determine when the Overtime and Multiple Shift is to be used. **When the hours worked on force account are eight or less, straight time rates will be used.** When the hours worked on force account are more than eight, Overtime and Multiple Shifts rates will be used. Saturday, Sunday or holiday work will be paid at the overtime rate except in those cases where these days are considered working days in the special provisions.

Be advised the computed overtime rates are no longer rounded and now equal the product of the straight time rate and overtime factor. The Overtime and Multiple Shift Factors are recalculated annually to reflect changes in the operating costs.

## Right of Way Delay

As described in Section 8-1.09 of the Standard Specifications, the Right of Way Delay Factor applied to the equipment rental rate will be the basis for compensation for idle equipment time on Right of Way Delays. The factor has been calculated to include the ownership costs without including operating costs. The Right of Way Delay Factor recovers all the contractor's non-operating costs in an eight hour day. Payment for equipment on Right of Way Delay is limited to eight hours per day or forty hours per week maximum.

The NONOP class for non-operated items and the TRAFIC class for traffic safety devices have been separated from traditional "rolling stock" equipment when calculating the Delay Factor. These classes are comprised of items whose depreciable lives are related to the number of uses per year, rather than the number of hours per year. Accordingly, the reasonable compensation for the Contractor's actual loss has been estimated to equal the cost of facilities capital. **It should be recognized that these items must be out of service before the Delay Factor is applied. For example, if work behind K-rail is delayed, the K-rail should be paid straight time until it is no longer controlling traffic.**

Any use of this factor must have the prior approval of the Resident Engineer. The Right of Way Delay Factor is recalculated annually to reflect changes in the operating costs.

## Use of Daily Extra Work Bill

Identification codes and rates are intended to be used with the Caltrans Daily Extra Work Bill (CEM-4902 Series). The class is abbreviated using a 5 digit alpha-code, the make (manufacturer), a 4 digit alpha-code, and the code a 7 digit alpha-numeric code. All three codes must be used to define the equipment when using the automated pay system. Since the majority of items are described by **per hour rates** each line has an entry for hours with an allowable maximum of 24. Special items with other than hourly rates should be appropriately checked and then entered in the Regular Hours column. For example, 50 Traffic Cones used 3 days (converts to 1.5, 100-cone-days) requires 1.5 be entered in the Regular Hours column. Note that any entry in the Delay Factor column will automatically apply the Delay Factor to every equipment entry on the current report.

Whenever an identification code cannot be found or the rate for a particular date of work performed is not available, updated information should be requested from the Resident Engineer. It is the Resident Engineer's responsibility to establish rates for equipment not found in the Labor Surcharge and Equipment Rental Rates publication. Support for this determination is available from both District and Headquarters Construction Offices. **Rates are regularly superseded during contract periods, so use of old publications or expired rates should be avoided**

The equipment is presented with a standard configuration capable of performing work commonly encountered on Caltrans projects. Special attachments or accessories are described under the classification heading in the Labor Surcharge and Equipment Rental Rate book. Attachments other than those described by these remarks will be paid only upon direction of the Resident Engineer.

# EQUIPMENT RENTAL RATES

**NOTE--THE FOLLOWING RATES ARE IN EFFECT  
FROM APRIL 1, 1999 THROUGH MARCH 31, 2000**

## ATTACHMENTS

**DELAY FACTOR = OVERTIME FACTOR =**

TRACTOR ATTACHMENTS -including power control units and accessories necessary to provide a functional attachment. Dozer blades are included in the standard configuration for both crawler and heavy, rubber tire tractors. Rippers are listed from R1 to R8 and Winches for logging or towing are listed from S1 to S5. Equipment model groups are as follows:

1. Case 300 Thru 800 Series, Cat D-2 thru D-4, Deere 400 & 450, Dresser TD-7, TD-8 and TD-9, Fiat-Allis FD-5 Thru FD-7, Komatsu D21E Thru D37P, Liebherr PR711 & PR721.
2. Case 1150, Cat D-5, Deere 750, Dresser TD-12, Fiat-Allis FD9 & 10, Komatsu D58P, Liebherr PR731.
3. Case 1450 and 1550, Cat D-6, Deere 850, Dresser TD-15, Komatsu D63PE Thru D68P, Liebherr PR741.
4. Cat D-7 & 814, Dresser TD-20, Fiat-Allis 14 & FD14, Komatsu D83P, Terex 82-30
5. Cat D-8 & 824, Dresser TD-25, Fiat-Allis FD20 Komatsu D135A, Terex 82-40 Michigan 280, Raygo CHD 17 & CD-500.
6. Cat D-9 & 834, Fiat-Allis FD30, Raygo CHD 24 & CD 800.
7. Cat D-10, Dresser TD-40, Fiat-Allis FD40, Komatsu 375, Michigan 380, Raygo CDH 30.
8. Cat D-11, Fiat-Allis FD50, Komatsu 475

<u>Model</u>	<u>Code</u>	<u>Rate</u>
Backhoe rate < \$16.50/hr	<b>BH</b>	\$2.28
Backhoe rate > \$16.50/hr	<b>BH</b>	\$2.68
Clam action bucket <\$20/hr	<b>CB</b>	\$2.17
Clam action bucket <\$40/hr	<b>CB</b>	\$3.41
Clam action bucket >\$40/hr	<b>CB</b>	\$5.83
Elec blade control for graders	<b>EB</b>	\$7.38
Ripper on No. 1 models	<b>R1</b>	\$1.86
Ripper on No. 2 models	<b>R2</b>	\$3.15
Ripper on No. 3 models	<b>R3</b>	\$3.74
Ripper on No. 4 models	<b>R4</b>	\$6.08
Ripper on No. 5 models	<b>R5</b>	\$10.43
Ripper on No. 6 models	<b>R6</b>	\$11.45
Ripper on No. 7 models	<b>R7</b>	\$17.38
Ripper on No. 8 models	<b>R8</b>	\$21.67
Winch on No. 1 models	<b>S1</b>	\$3.39
Winch on No. 2 models	<b>S2</b>	\$4.82
Winch on No. 3 models	<b>S3</b>	\$5.66
Winch on No. 4 models	<b>S4</b>	\$6.25
Winch on No. 5 models	<b>S5</b>	\$6.84
Front wheel drive	<b>TF</b>	\$2.09
Lift gate	<b>TG</b>	\$0.33

Pump, water truck	<b>TP</b>	\$0.51
Winch, truck	<b>TW</b>	\$0.21
Gas welding hose per 15.2 m (50 lf)	<b>WH</b>	\$0.01
Elec welding lead per 30.5 m (100 lf)	<b>WL</b>	\$0.08

## AIR COMPRESSORS [ AIRCP ]

**DELAY FACTOR = 0.30 OVERTIME FACTOR = 0.73**

All types of self contained units, regardless of power(gas, diesel and lpg) or type of compression(reciprocating, screw and vane). The listed rates include 15.2 meters (50 lineal feet) of hose, all hose whips, fittings, couplings and any compressor attachments. Listed in accordance with Mfr's rated capacity in liters per second (cubic feet per minute) at 7 bar (100 psi).

**PORTABLE [ PORT ]**

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	19 (40)	<b>000-004</b>	\$1.62
19 (40)	76 (160)	<b>004-016</b>	\$4.88
76 (160)	118 (250)	<b>016-025</b>	\$7.28
118 (250)	212 (450)	<b>025-045</b>	\$12.97
212 (450)	354 (750)	<b>045-075</b>	\$21.41
354 (750)	566 (1200)	<b>075-120</b>	\$33.23
566 (1200)	708 (1500)	<b>120-150</b>	\$42.11

## AIR DRILLS, CRAWLER [ AIRDL ]

**DELAY FACTOR = 0.53 OVERTIME FACTOR = 0.51**

All types, pneumatically propelled, including attachments. Expendable carbon drill steel, bits and shanks shall be paid by separate invoice. Rated in accordance with the cylinder bore diamter in millimeters(inches).

**CRAWLER DRILLS [ CLR ]**

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	100 (4)	<b>0-4</b>	\$19.99
100	(4) & Over	<b>5</b>	\$24.88

## AIR TOOLS [ AIRTO ]

**DELAY FACTOR = 0.63 OVERTIME FACTOR = 0.39**

All types including paving breakers, clayspades and diggers, sinker rock drills, trench diggers, sheeting/spike drivers, backfill tampers and hand held grinding tools. Expendable drill steel, bits and breakers points, grinding wheels and shanks shall be paid by separate invoice. Rated by tool weight in kilograms (pounds), determined in accordance with the Mfr's specifications.

**AIR TOOLS [ ATOL ]**

<u>OVER</u>	<u>TO</u>	<u>Code</u>	<u>Rate</u>
0	4.5 (10)	<b>0-10</b>	\$0.30
4.5 (10)	9.1 (20)	<b>10-20</b>	\$0.32
9.1 (20)	13.6 (30)	<b>20-30</b>	\$0.65
13.6 (30)	18.1 (40)	<b>30-40</b>	\$0.79
18.1 (40)	27.2 (60)	<b>40-60</b>	\$0.71

27.2 (60) & Over 60 \$1.04

### ASPHALT DIKE & SHOULDER PAVERS [ ASDSP ]

**DELAY FACTOR = 0.25 OVERTIME FACTOR = 0.80**

Includes all attachments, accessories and automatic grade and line control.

#### A.C. DIKE COMPANY [ ACDC ]

<u>Model</u>	Code	Rate
No. 1	4050	\$29.39
No. 2	4052	\$37.02
Nos. 43, 44	4054	\$62.14

#### ASPHALT PAVING COMPANY [ APCO ]

<u>Model</u>	Code	Rate
E-1	4000	\$57.60
E-2, E3	4002	\$100.95

#### BLAW-KNOX [ B-K ]

<u>Model</u>	Code	Rate
RW-35 / 38	4075	\$44.49
RW-95	4079	\$23.73
RW-100	4081	\$74.55
RW-195D	4083	\$99.10

#### DELTA [ DLTA ]

<u>Model</u>	Code	Rate
DC-1	4095	\$88.98

### ASPHALT PAVERS [ ASPAV ]

**DELAY FACTOR = 0.29 OVERTIME FACTOR = 0.76**

Includes all attachments, accessories and automatic grade and line control.

#### BARBER-GREENE [ B-G ]

<u>Model</u>	Code	Rate
BG 220	0805	\$59.77
BG 225	0810	\$68.12
BG 240	0815	\$67.65
BG 245	0820	\$78.61
BG 260	0825	\$81.07
BG 260B	0826	\$103.69
BG 265	0830	\$100.56
RT 435, 4wd	0905	\$73.92
RT 445, 4wd	0925	\$77.35
RT 455, 4wd	0945	\$79.37
RT 455, 4wd, 10-20' screed	0955	\$86.85
RT 465, 4wd	0965	\$93.37
SA 125	1419E	\$57.92
SB 131	1420	\$65.20
SB 140	1425	\$78.36
SA 141	1430	\$55.36
SA 145	1432	\$73.03
SA 150	1435	\$90.61

SB 170 1440 \$90.01

#### BLAW-KNOX [ B-K ]

<u>Model</u>	Code	Rate
PF-22	1490	\$26.53
PF-35	1550	\$41.33
PF-115	1750	\$69.57
PF-120H	2010	\$68.80
PF-171	2090	\$100.19
PF-180	2100	\$35.13
PF-180H	2204	\$103.79
PF-200	2250	\$111.47
PF-200, 18' screed	2252	\$122.06
PF-220	2300	\$107.80
PF-400A	2350	\$93.94
PF-500	2404	\$114.08
PF-500, 18' screed	2406	\$122.84

#### CATERPILLAR [ CAT ]

<u>Model</u>	Code	Rate
AP-200	2420	\$22.60
AP-800	2430	\$75.49
AP-1050	2431	\$110.71
AP-1000	2435	\$115.74
AP-1000 4wd	2436	\$121.65
AP-1055B	2438	\$151.47
AP-1200	2440	\$95.85

#### CEDAR RAPIDS [ CEDR ]

<u>Model</u>	Code	Rate
BSF-2H	2550	\$55.84
BSF-3R	2600	\$55.16
CR 351	2668A	\$86.16
CR 351 4wd	2668B	\$90.32
CR-431	2669	\$68.63
CR-551	2670	\$115.75
CR-461	2672	\$105.99
CR-561	2674	\$123.77

#### LAYTON [ LYTN ]

<u>Model</u>	Code	Rate
F-525	2680	\$12.26
D-550	2682	\$18.16
H-500B	2684	\$9.00

### ASPHALT WINDROW/PICKUP MACHINES [ ASPWP ]

**DELAY FACTOR = 0.19 OVERTIME FACTOR = 0.85**

Includes all attachments and accessories.

#### ATHEY [ ATHY ]

<u>Model</u>	Code	Rate
7-11	5000	\$37.03



<b>BARBER-GREENE</b>	<b>[ B-G ]</b>		
<u>Model</u>	Code	Rate	
BG-610H	<b>5100</b>	\$36.02	
<b>CATERPILLAR</b>	<b>[ CAT ]</b>		
<u>Model</u>	Code	Rate	
WE-601B	<b>5200</b>	\$33.72	
<b>CLARK'S WELDING COMPANY</b>	<b>[ CLAR ]</b>		
<u>Model</u>	Code	Rate	
500	<b>5300</b>	\$25.42	
601	<b>5304</b>	\$18.90	
Lincoln 660	<b>5305</b>	\$35.64	
<b>C.M.I.</b>	<b>[ CMI ]</b>		
<u>Model</u>	Code	Rate	
851	<b>5405</b>	\$41.68	

#### **AUGERS, CRAWLER MOUNTED [ AUGCL ]**

**DELAY FACTOR = 0.44 OVERTIME FACTOR = 0.59**  
Includes carrier, attachments and accessories with up to 6.1 meters(20 feet) of auger flights. Consumable bits or tips to be paid by separate invoice.

<b>BAYSHORE</b>	<b>[ BYSH ]</b>		
<u>Model</u>	Code	Rate	
8400 TD limited access	<b>1500</b>	\$64.24	
<b>TEXOMA</b>	<b>[ TXMA ]</b>		
<u>Model</u>	Code	Rate	
TAURUS	<b>2010</b>	\$164.99	
700CL	<b>2100</b>	\$88.22	
<b>WATSON</b>	<b>[ WATS ]</b>		
<u>Model</u>	Code	Rate	
2000CM	<b>2500</b>	\$74.54	
2500CM	<b>2505</b>	\$112.93	
3000CM	<b>2510</b>	\$127.89	
3100CM	<b>2515</b>	\$128.85	

#### **AUGERS, HORIZONTAL [ AUGHZ ]**

**DELAY FACTOR = 0.38 OVERTIME FACTOR = 0.65**  
Includes all attachments and accessories with up to 9.1 meters(30 feet) of auger flight, track and/or pipe pusher. Consumable bits or tips shall be paid by separate invoice. Power unit is included.

<b>AKKERMAN</b>	<b>[ AKMN ]</b>		
<u>Model</u>	Code	Rate	
360	<b>5000</b>	\$51.00	
420 series 1250	<b>5002</b>	\$54.17	

<b>AMERICAN AUGER</b>	<b>[ AMAU ]</b>		
<u>Model</u>	Code	Rate	
48 SB modified	<b>5012</b>	\$26.82	
36-350	<b>5014</b>	\$18.69	
<b>BORZALL</b>	<b>[ BORZ ]</b>		
<u>Model</u>	Code	Rate	
2300-10	<b>5040</b>	\$2.73	
4265-10	<b>5042</b>	\$3.90	
<b>DITCH WITCH</b>	<b>[ D-W ]</b>		
<u>Model</u>	Code	Rate	
2510	<b>5040</b>	\$33.62	

#### **AUGERS, TRUCK MOUNTED [ AUGTK ]**

**DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.70**

Includes truck/carrier, all attachments and accessories with up to 6.1 meters(20 feet) of auger flight. Consumable bits or tips shall be paid by separate invoice.

<b>CALWELD</b>	<b>[ CALW ]</b>		
<u>Model</u>	Code	Rate	
150-A	<b>5050</b>	\$49.59	
200	<b>5052</b>	\$64.27	
4500LH	<b>5054</b>	\$118.19	
<b>HUGHES</b>	<b>[ HUGH ]</b>		
<u>Model</u>	Code	Rate	
EZ 112	<b>5070</b>	\$36.05	
EZ 120	<b>5071</b>	\$37.78	
LDH-100	<b>5072</b>	\$102.39	
LDH-80	<b>5074</b>	\$101.34	
LLDH-120	<b>5076</b>	\$139.11	
LLDH-80	<b>5078</b>	\$134.02	
<b>P.D.E.</b>	<b>[ PDE ]</b>		
<u>Model</u>	Code	Rate	
M -100	<b>5084</b>	\$15.17	
M-400 with hammer	<b>5085</b>	\$23.00	
<b>TEXOMA</b>	<b>[ TXMA ]</b>		
<u>Model</u>	Code	Rate	
Economatic 115	<b>5087</b>	\$37.79	
Super Economatic	<b>5089</b>	\$45.19	
80	<b>5090</b>	\$104.81	
270	<b>5093</b>	\$35.81	
330	<b>5095</b>	\$41.46	
330 with hammer	<b>5095B</b>	\$52.22	
500 with hammer	<b>5096B</b>	\$69.51	
600	<b>5097</b>	\$55.07	
700	<b>5099</b>	\$94.40	

WATSON		[ WATS ]
<u>Model</u>	Code	Rate
1000	<b>6010</b>	\$38.54
2000	<b>6012</b>	\$96.71
3000	<b>6014</b>	\$141.72

### BITUMINOUS DISTRIBUTORS [ BITDT ]

**DELAY FACTOR = 0.23 OVERTIME FACTOR = 0.79**

Includes all equipment for handling bituminous materials under pressure.  
Includes pumps, spray bars and other attachments and accessories.

### TRAILER MOUNTED [ TLMD ]

Does not include towing unit. Capacity rated in liters (U.S. gallons).

<u>OVER</u>	<u>TO</u>	Code	Rate
0	1136 (300)	<b>0-300</b>	\$2.77

### TRUCK MOUNTED [ TRMD ]

Including truck. Capacity rated in liters (U.S. gallons).

<u>OVER</u>	<u>TO</u>	Code	Rate
0	3028 (800)	<b>00-08</b>	\$25.98
3028 (800)	5299 (1400)	<b>08-14</b>	\$30.66
5299 (1400)	6831 (1800)	<b>14-18</b>	\$32.89
6831 (1800)	11355 (3000)	<b>18-30</b>	\$34.05
11355 (3000)	15140 (4000)	<b>30-40</b>	\$36.77

### BROOMS & SWEEPING EQUIPMENT [ BRMSW ]

**DELAY FACTOR = 0.29 OVERTIME FACTOR = 0.73**

Includes all attachments and accessories with brooms of any type. Includes broom wear.

### BROOMS - MOUNTED & [ MTTD ]

#### TOWED

Includes traction, PTO or engine driven.

<u>Model</u>	Code	Rate
ALL	<b>ALL</b>	\$10.51

### BROOMS - SELF PROPELLED [ SFPR ]

<u>Model</u>	Code	Rate
ALL	<b>ALL</b>	\$14.09

### SWEEPERS - SELF PROPELLED, PICK UP [ SWSP ]

Rated in accordance with hopper size in cubic meters (cubic yards).

<u>OVER</u>	<u>TO</u>	Code	Rate
0	2.3 (3.0)	<b>0-3</b>	\$37.57
2.3 (3.0)	4.6 (6.0)	<b>3-6</b>	\$52.81
4.6 (6.0)	6.9 (9.0)	<b>6-9</b>	\$55.33

### BRUSH CHIPPING & SHREDDING [ BRUCP ] MACHINES

**DELAY FACTOR = 0.14 OVERTIME FACTOR = 0.87**

Includes all attachments, accessories and power unit. Rated in accordance with the cutter head width in millimeters(inches)

### BRUSH CHIP & SHRED [ BCSM ]

<u>OVER</u>	<u>TO</u>	Code	Rate
0	230 (9)	<b>00-09</b>	\$14.66
230 (9)	300 (12)	<b>09-12</b>	\$14.61
300 (12)	405 (16)	<b>12-16</b>	\$17.01

### COMPACTORS, HAND GUIDED [ COMHG ]

**DELAY FACTOR = 0.34 OVERTIME FACTOR = 0.68**

Includes pan, vibrating plate, rammer and jumping jack type compactors(gas or diesel). Includes all attachments and accessories. Listed in accordance with the weight in kilograms(pounds)

### COMPACTORS [ COMP ]

<u>OVER</u>	<u>TO</u>	Code	Rate
0	113 (250)	<b>0-250</b>	\$1.48
113 (250)	& Higher	<b>250</b>	\$4.45

### CONCRETE MIXERS [ CONMX ]

**DELAY FACTOR = 0.24 OVERTIME FACTOR = 0.78**

### STATIONARY OR PORTABLE [ SORP ]

Rated by Mfr's capacity in cubic meters (sacks or cubic feet).

<u>OVER</u>	<u>TO</u>	Code	Rate
0	0.10 (3.5)	<b>0-3.5</b>	\$0.36
0.10 (3.5)	0.17 (6.0)	<b>03.5-6</b>	\$1.10
0.17 (6.0)	0.31 (11)	<b>06-11</b>	\$1.47
0.31 (11)	0.45 (16)	<b>11-16</b>	\$2.20

### TRANSIT MIX [ TRMX ]

PTO type, including carrier. Rated by Mfr's capacity in cubic meters (cubic yards).

<u>OVER</u>	<u>TO</u>	Code	Rate
6.4 (9)	7.6 (10)	<b>09-10</b>	\$60.91
7.6 (10)	9.2 (12)	<b>10-12</b>	\$63.39

### CONCRETE PUMPS [ CONPM ]

**DELAY FACTOR = 0.31 OVERTIME FACTOR = 0.72**

Includes truck/carrier or self powered trailer mounted units. Including attachments, accessories and hoses.

### ELBA [ ELBA ]

<u>Model</u>	Code	Rate
K-8020	<b>1000</b>	\$47.65

<b>MAYCO</b>	<b>[ MACO ]</b>		
<u>Model</u>	Code	Rate	
C-30HD	<b>1020</b>	\$7.86	
HR-35	<b>1022</b>	\$12.05	
LST-3060	<b>1024</b>	\$14.73	

<b>SCHWING</b>	<b>[ SHWG ]</b>		
<u>Model</u>	Code	Rate	
BPA-1000	<b>1050</b>	\$22.91	
900-1200 w/28 m boom	<b>1055</b>	\$67.45	
900-1200 w/32 m boom	<b>1057</b>	\$73.44	
BPL 1200 w/36 m boom	<b>1058</b>	\$81.00	

<b>THOMSEN</b>	<b>[ THOM ]</b>		
<u>Model</u>	Code	Rate	
A-3.75 w/ mixer	<b>1070</b>	\$10.92	
A-7	<b>1072</b>	\$7.94	
11 pump w/28 m boom	<b>1078</b>	\$78.97	
12 pump w/32 m boom	<b>1082</b>	\$86.71	
14 pump w/36 m boom	<b>1084</b>	\$134.65	

### CONCRETE SLIPFORM PAVERS [ CONSF ]

**DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.72**  
Includes all attachments and accessories. Detached, independently powered finished bridges or spray/tyne machines are not included.

<b>C.M.I.</b>	<b>[ CMI ]</b>		
<u>Model</u>	Code	Rate	
SF-250	<b>2002</b>	\$110.40	
SF-350 series 2	<b>2004</b>	\$201.18	
SF-550	<b>2006</b>	\$249.43	

<b>GOMACO</b>	<b>[ GOMA ]</b>		
<u>Model</u>	Code	Rate	
GP-2000	<b>2020</b>	\$82.93	
GP-2500	<b>2022</b>	\$115.48	
GP-3500	<b>2024</b>	\$173.78	

### CONCRETE VIBRATORS [ CONV ]

**DELAY FACTOR = 0.46 OVERTIME FACTOR = 0.56**  
Includes all attachments and accessories. Includes vibrator motor but independent power, whether air or electric, shall be paid as a separate item.

<b>CONCRETE VIBRATORS</b>	<b>[ CVIB ]</b>		
<u>Model</u>	Code	Rate	
Each Vibrating Head	<b>EVHD</b>	\$0.48	

### CURB EXTRUSION MACHINES [ CRBEX ]

**DELAY FACTOR = 0.34 OVERTIME FACTOR = 0.71**  
Self propelled for asphalt or concrete curb and gutter section. Includes attachments, accessories and molds. Rated by Mfr's maximum width recommendations in millimeters (inches).

<b>CURB EXTRUSION MACHINE</b>	<b>[ CEM ]</b>		
<u>OVER</u>	<u>TO</u>	Code	Rate
0	460 (18)	<b>0-18</b>	\$39.02
460 (18)	& Over	<b>18 plus</b>	\$44.87

### CONCRETE BARRIER SLIPFORM PAVERS [ CRBSF ]

**DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.73**  
Includes all attachments, accessories and barrier or curb molds.

<b>C.M.I.</b>	<b>[ CMI ]</b>		
<u>Model</u>	Code	Rate	
SF-175	<b>3000</b>	\$85.15	

<b>CURBMASTER</b>	<b>[ CURB ]</b>		
<u>Model</u>	Code	Rate	
CMT-800	<b>3020</b>	\$57.29	

<b>GOMACO</b>	<b>[ GOMA ]</b>		
<u>Model</u>	Code	Rate	
GT-6000	<b>3040</b>	\$46.09	
COMMANDER II	<b>3045</b>	\$57.67	
COMMANDER III	<b>3050</b>	\$77.79	

<b>MILLER FORMLESS</b>	<b>[ MILL ]</b>		
<u>Model</u>	Code	Rate	
M-7500	<b>3063</b>	\$71.23	
M-8100	<b>3065</b>	\$92.71	
M-8800	<b>3067</b>	\$133.28	

### ELECTRIC GENERATORS & LIGHT PLANTS [ ELGEN ]

**DELAY FACTOR = 0.25 OVERTIME FACTOR = 0.77**  
Rates are for gas or diesel power and alternating or direct current.

<b>GENERATOR</b>	<b>[ GEN ]</b>		
<u>OVER</u>	<u>TO</u>	Code	Rate
0	1	<b>000-001</b>	\$0.27
1	3	<b>001-003</b>	\$0.55
3	7.5	<b>003-008</b>	\$1.10
7.5	15	<b>008-015</b>	\$2.44
15	25	<b>015-025</b>	\$4.90
25	50	<b>025-050</b>	\$5.38
50	100	<b>050-100</b>	\$8.93
100	200	<b>100-200</b>	\$15.65

200	300	<b>200-300</b>	\$24.77
300	400	<b>300-400</b>	\$35.86
400	500	<b>400-500</b>	\$44.47

#### LIGHTS

[ LITE ]

Includes trailer, pole and generator.

<u>Model</u>		Code	Rate
2 Light Set		<b>2 LIGHT</b>	\$1.70
4 Light Set		<b>4 LIGHT</b>	\$5.50

#### ELECTRIC POWERED HAND TOOLS [ ELTOL ]

**DELAY FACTOR = 0.64 OVERTIME FACTOR = 0.38**

Includes electric powered, hand held tools not listed elsewhere in this book. Expendable bits, blades, discs, wheels, etc. shall be paid by separate invoice. Rated in accordance with Mfr's suggested retail price.

#### TOOLS

[ TOOL ]

<u>OVER</u>	<u>TO</u>	Code	Rate
450	600	<b>045-060</b>	\$0.22
600	800	<b>060-080</b>	\$0.29
800	1000	<b>080-100</b>	\$0.38

#### FORK LIFT TRUCKS [ FKLFT ]

**DELAY FACTOR = 0.38 OVERTIME FACTOR = 0.64**

Includes attachments and accessories. Listed in accordance with the Mfr's maximum rated capacity in kilograms(pounds).

#### FORK LIFT TRUCKS

[ FLT ]

<u>OVER</u>	<u>TO</u>	Code	Rate
454 (1000)	1814 (4000)	<b>010-040</b>	\$11.69
1814 (4000)	2722 (6000)	<b>040-060</b>	\$15.26
2722 (6000)	3629 (8000)	<b>060-080</b>	\$18.11
3629 (8000)	5443 (12000)	<b>080-120</b>	\$25.15
5443 (12000)	7258 (16000)	<b>120-160</b>	\$25.01
7258 (1600)	9072 (20000)	<b>160-200</b>	\$31.56
9072 (20000)	11340 (25000)	<b>200-250</b>	\$32.92
11340 (25000)	13608 (30000)	<b>250-300</b>	\$35.36
13608 (30000)	18144 (40000)	<b>300-400</b>	\$47.71
18144 (40000)	22680 (50000)	<b>400-500</b>	\$61.19
22680 (50000)	34020 (75000)	<b>500-750</b>	\$79.63

#### GRADERS [ GRADR ]

**DELAY FACTOR = 0.28 OVERTIME FACTOR = 0.74**

Includes ripper and scarifier attachments and all accessories. Electronic blade control and specialty cutting tools shall be paid separately.

#### BLADE-MOR

[ BMOR ]

<u>Model</u>		Code	Rate
727		<b>2173</b>	\$8.89
747		<b>2178</b>	\$14.18

#### CATERPILLAR

[ CAT ]

<u>Model</u>	Code	Rate
120G 87V serial	<b>2685</b>	\$32.73
130G 74V serial	<b>2695</b>	\$36.77
12E 99E serial	<b>2710</b>	\$15.63
12F 73G serial	<b>2768</b>	\$23.34
12F 13K serial	<b>2826</b>	\$21.22
12F 89H serial	<b>2884</b>	\$21.75
12G 61M serial	<b>2890</b>	\$38.85
12H	<b>2895</b>	\$44.74
14E 72G serial	<b>3174</b>	\$25.61
14G	<b>3180</b>	\$58.36
14H	<b>3185</b>	\$67.31
140 14U serial	<b>3250</b>	\$26.77
140G 72V serial	<b>3260</b>	\$40.72
140H	<b>3265</b>	\$47.77
16 49G serial	<b>3290</b>	\$34.75
16 49G800 serial	<b>3348</b>	\$50.46
16 G93U serial	<b>3360</b>	\$83.70

#### JOHN DEERE

[ DEER ]

<u>Model</u>	Code	Rate
JD-570A	<b>3890</b>	\$22.30
JD-570B	<b>3892</b>	\$26.33
JD-670	<b>3900</b>	\$23.91
JD-670A	<b>3905</b>	\$29.42
JD-770	<b>3910</b>	\$27.21
JD-770A, 770A-H	<b>3915</b>	\$34.65
JD-770B	<b>3916</b>	\$42.53

#### GALION

[ GALN ]

<u>Model</u>	Code	Rate
A-400E	<b>4940</b>	\$29.22
T-400A	<b>4980</b>	\$26.34
T-500C	<b>5150</b>	\$26.91
T-500L	<b>5204</b>	\$26.26
T-500M	<b>5210</b>	\$31.37

#### KOMATSU

[ KOMA ]

<u>Model</u>	Code	Rate
GD 505A-2	<b>8980</b>	\$30.78
GD 515A-1	<b>8986</b>	\$35.42
GD 605A-2	<b>9000</b>	\$33.44
GD 615A-1	<b>9005</b>	\$40.13
GD 625A-1C	<b>9007</b>	\$55.02
GD 655A-2	<b>9010</b>	\$35.81

# **HAMMERS, DEMOLITION & PILE [ HAMMR ]**

**DELAY FACTOR = 0.38      OVERTIME FACTOR = 0.66**  
Includes attachments, accessories and power unit. Does not include carrier.

<b>ABI</b>	<b>[ ABI ]</b>		
<u>Model</u>	Code	Rate	
HVR-60	<b>0100</b>	\$25.48	

<b>AMERICAN PILE DRIVING EQUIPMENT</b>	<b>[ APE ]</b>		
<u>Model</u>	Code	Rate	
150	<b>0010</b>	\$101.57	
180	<b>0050</b>	\$128.22	
200/500	<b>0060</b>	\$138.77	

<b>ALLIED STEEL &amp; TRACTOR</b>	<b>[ AS&amp;T ]</b>		
<u>Model</u>	Code	Rate	
800	<b>0300</b>	\$45.06	
HYRAM 720	<b>0310</b>	\$4.36	
HYRAM 725	<b>0320</b>	\$6.57	
HYRAM 730	<b>0330</b>	\$9.90	
HYRAM 740	<b>0340</b>	\$13.24	
HYRAM 750	<b>0350</b>	\$15.78	
HYRAM 77	<b>0360</b>	\$7.04	
HYRAM 770	<b>0370</b>	\$18.35	
HYRAM 780	<b>0380</b>	\$26.83	
HYRAM 790	<b>0390</b>	\$37.72	
HYRAM 88	<b>0400</b>	\$13.02	

<b>DELMAG</b>	<b>[ DELM ]</b>		
<u>Model</u>	Code	Rate	
D-12	<b>0500</b>	\$20.39	
D-16	<b>0510</b>	\$29.91	
D-22	<b>0520</b>	\$41.10	
D-30	<b>0530</b>	\$28.72	
D-30-32	<b>0540</b>	\$49.48	
D-36	<b>0550</b>	\$62.78	
D-36-32	<b>0560</b>	\$62.78	
D46-32	<b>0570</b>	\$76.85	
D62-22	<b>0580</b>	\$113.86	

<b>FOSTER</b>	<b>[ FOST ]</b>		
<u>Model</u>	Code	Rate	
1700	<b>0600</b>	\$65.71	
4030	<b>0630</b>	\$94.29	
FNV 1800	<b>0660</b>	\$68.39	
FNV-4150	<b>0693</b>	\$123.29	

<b>HYDRAULIC POWER SYS</b>	<b>[ HPSI ]</b>		
<u>Model</u>	Code	Rate	
150	<b>0420</b>	\$49.94	
260	<b>0430</b>	\$78.49	

300	<b>0440</b>	\$94.76	
<b>I.C.E.</b>	<b>[ ICE ]</b>		
<u>Model</u>	Code	Rate	
44-50	<b>0450</b>	\$120.33	
216	<b>0460</b>	\$43.87	
416L	<b>0470</b>	\$70.84	
812	<b>0480</b>	\$107.49	

<b>KENT</b>	<b>[ KENT ]</b>		
<u>Model</u>	Code	Rate	
KHB10G	<b>0700</b>	\$12.22	
KHB 15G	<b>0710</b>	\$18.08	
KHB30G	<b>0750</b>	\$23.61	
KHB 40G	<b>0760</b>	\$34.36	

<b>NPK</b>	<b>[ NPK ]</b>		
<u>Model</u>	Code	Rate	
4XE	<b>0795</b>	\$9.25	
6XA	<b>0800</b>	\$10.53	
H-10XB	<b>0810</b>	\$21.44	
H-12X	<b>0815</b>	\$27.58	
H-16X	<b>0820</b>	\$25.31	
H-20X	<b>0840</b>	\$33.00	
H4X,HXA	<b>0860</b>	\$7.80	
H7X	<b>0880</b>	\$10.79	

<b>OKADA</b>	<b>[ OKAD ]</b>		
<u>Model</u>	Code	Rate	
UB-5	<b>0900</b>	\$6.05	
UB-8	<b>0950</b>	\$10.93	

<b>RAMMER</b>	<b>[ RAMR ]</b>		
<u>Model</u>	Code	Rate	
S-84	<b>1000</b>	\$26.46	
S-86	<b>1050</b>	\$47.78	

<b>STANLEY</b>	<b>[ STAN ]</b>		
<u>Model</u>	Code	Rate	
MB250	<b>1100</b>	\$3.10	
MB2900	<b>1120</b>	\$19.27	
MB4900	<b>1140</b>	\$34.68	
MB550	<b>1160</b>	\$4.45	
MB800	<b>1180</b>	\$7.39	

<b>TELEDYNE</b>	<b>[ TELD ]</b>		
<u>Model</u>	Code	Rate	
950X	<b>1190</b>	\$22.93	
TB1025	<b>1195</b>	\$21.23	
TB1425X	<b>1200</b>	\$26.81	
TB2225X	<b>1220</b>	\$50.43	
TB425	<b>1240</b>	\$9.01	
TB825X	<b>1260</b>	\$16.66	

<b>TRAMAC</b>	<b>[ TRMC ]</b>	
<u>Model</u>	Code	Rate
BRH1100	<b>1300</b>	\$29.16
BRH125	<b>1310</b>	\$8.12
BRH250	<b>1320</b>	\$11.04
BRH400	<b>1330</b>	\$9.60
BRH620	<b>1340</b>	\$16.69
BRH750	<b>1350</b>	\$19.07
BRV950	<b>1360</b>	\$21.57

<b>TUNKER</b>	<b>[ TUNK ]</b>	
<u>Model</u>	Code	Rate
40.01	<b>1400</b>	\$49.38
40.05	<b>1450</b>	\$79.22
60.05	<b>1460</b>	\$85.47

<b>VULCAN</b>	<b>[ VULC ]</b>	
<u>Model</u>	Code	Rate
1	<b>1500</b>	\$22.48
10	<b>1520</b>	\$30.89
100C	<b>1540</b>	\$30.28
2300	<b>1560</b>	\$65.10
80C	<b>1580</b>	\$23.03

**HYDRAULIC CRANES & EXCAVATORS, [ HCECL ]  
CRAWLER MOUNTED**

**DELAY FACTOR = 0.36      OVERTIME FACTOR = 0.67**

Includes all attachments and accessories required for lifting or digging.  
Pavement breaker or compactor attachments are not included.

<b>BANTAM</b>	<b>[ BANT ]</b>	
<u>Model</u>	Code	Rate
C 266	<b>0680</b>	\$43.23
C 366	<b>0690</b>	\$51.33
C 744	<b>1075</b>	\$32.67

<b>CASE</b>	<b>[ CASE ]</b>	
<u>Model</u>	Code	Rate
9030B	<b>0100B</b>	\$48.18
9040	<b>0110</b>	\$55.11
9060B	<b>0120B</b>	\$115.79
40E E-Boom	<b>1600</b>	\$40.10
40E Y-Boom	<b>1601</b>	\$40.15
50E	<b>1602</b>	\$49.72
125B	<b>1602H</b>	\$45.52
170C	<b>1602N</b>	\$59.31
880B Y-Boom	<b>1609</b>	\$27.54
980B	<b>1615</b>	\$43.47
1080	<b>1615E</b>	\$35.66
1080B	<b>1615J</b>	\$37.39
1280	<b>1616</b>	\$51.98
1280B	<b>1616E</b>	\$45.54

<b>CATERPILLAR</b>	<b>[ CAT ]</b>	
<u>Model</u>	Code	Rate
315L	<b>0305</b>	\$35.29
320	<b>0310</b>	\$46.59
320L	<b>0315</b>	\$48.08
322L	<b>0325</b>	\$61.28
325	<b>0330</b>	\$63.62
325BL	<b>0335</b>	\$69.66
325L	<b>0340</b>	\$65.34
330BL	<b>0345</b>	\$85.29
330L	<b>0350</b>	\$79.76
345BL	<b>0355</b>	\$115.04
350L	<b>0360</b>	\$122.81
375L	<b>0365</b>	\$202.15
205	<b>1617</b>	\$21.38
211	<b>1617E</b>	\$27.36
213	<b>1617H</b>	\$30.52
215	<b>1618</b>	\$35.28
215 LC	<b>1619</b>	\$32.47
215B LC	<b>1619E</b>	\$37.95
215C	<b>1619F</b>	\$42.05
215D	<b>1619G</b>	\$47.12
225	<b>1620</b>	\$47.79
225LC	<b>1621</b>	\$48.26
225D LC	<b>1622</b>	\$62.15
227	<b>1623</b>	\$51.49
229	<b>1625</b>	\$65.82
231D	<b>1630</b>	\$75.96
231DLC	<b>1635</b>	\$77.60
235	<b>1640</b>	\$82.28
235B	<b>1642</b>	\$92.17
235 Front Shovel	<b>1645</b>	\$92.64
235B Front Shovel	<b>1647</b>	\$103.89
235C	<b>1648</b>	\$103.03
235DLC	<b>1649</b>	\$108.59
245	<b>1650</b>	\$139.70
245B	<b>1650B</b>	\$153.49
245 Front Shovel	<b>1652</b>	\$152.16
245B Front Shovel	<b>1652B</b>	\$169.83
E 180	<b>1653</b>	\$38.91
EL 180	<b>1654</b>	\$40.11
EL 200B	<b>1654E</b>	\$44.92
E 240	<b>1655</b>	\$51.09
EL 240	<b>1656</b>	\$52.64
E 300	<b>1657</b>	\$63.78
E 300B	<b>1657B</b>	\$70.50
EL 300	<b>1658</b>	\$65.80
EL 300B	<b>1658B</b>	\$72.65

<b>JOHN DEERE</b>	<b>[ DEER ]</b>	
<u>Model</u>	Code	Rate
490	<b>1660</b>	\$23.16
690A	<b>1685</b>	\$24.36

690B	1695	\$33.74	EX300LC-3	2807A	\$83.98
690C	1697	\$34.66	EX 400 LC	2808	\$108.62
690D	1697D	\$38.01	EX550LC	2809	\$164.00
390E LC	1697ELC	\$42.98	EX 700	2810	\$190.17
790	1698	\$44.36	EX750-5	2815	\$210.62
790D	1698D	\$50.35	EX750-5BE	2816	\$214.65
790E LC	1698ELC	\$55.98	<b>HYUNDAI</b>	[ HYUN ]	
792	1699	\$53.48	<u>Model</u>	Code	Rate
890	1700	\$70.36			
890A	1705	\$69.44	200LC	2950	\$44.62
892D LC	1708	\$64.62	280LC	2960	\$64.59
990	1720	\$80.42	290LC	2970	\$68.77
992D LC	1722	\$93.93	450LC	3010	\$109.62
30	1725	\$9.84	<b>INTERNATIONAL</b>	[ INTL ]	
50	1730	\$15.36	<u>Model</u>	Code	Rate
70	1735	\$15.46			
<b>DROTT</b>	[ DROT ]		630	4250	\$29.35
<u>Model</u>	Code	Rate	640 HD	4260	\$39.77
			650 HD	4280	\$53.17
35D E boom	1835	\$31.20	<b>KATO</b>	[ KATO ]	
35D Y boom	1845	\$31.64	<u>Model</u>	Code	Rate
40D E boom	1930	\$35.79			
40D Y boom	1965	\$41.22	HD450 VII	3050	\$29.11
50D	2005	\$47.13	HD700 VII LC	3060	\$44.09
<b>FIAT-ALLIS</b>	[ F-A ]		HD1250 VII LC	3080	\$68.73
<u>Model</u>	Code	Rate	<b>KOBELCO</b>	[ KOBL ]	
			<u>Model</u>	Code	Rate
FE 18	9000	\$31.36			
FE 20 HD	9010	\$40.72	SK200LC MARK III	4687	\$46.85
FE 20 LC	9020	\$36.57	K 903B	4688	\$18.83
FE 28	9030	\$50.22	K 904D	4693	\$21.72
FE 40 L	9040	\$91.44	K 904E	4694	\$23.17
<b>GRADALL</b>	[ GRAD ]		K 904 Mark II	4694A	\$23.89
<u>Model</u>	Code	Rate	K 905	4695	\$24.77
			K 905A LC	4697	\$27.50
G 660	0150	\$42.95	K 907C	4700	\$37.65
G 660B	0160	\$50.62	K 907D	4702	\$40.73
G 660C	0170	\$51.41	K 907 LC	4704	\$41.52
G 880B	0210	\$57.82	K 909A	4710	\$52.22
G 880C	0215	\$57.87	K 909 LC	4711	\$54.87
G 1000	0230	\$84.76	K 912A	4712	\$61.48
XL4200	0260	\$52.62	K 914	4715	\$77.37
XL5200	0280	\$64.31	K 916	4717	\$85.18
<b>HITACHI</b>	[ HIT ]		<b>KOEHRING</b>	[ KOEH ]	
<u>Model</u>	Code	Rate	<u>Model</u>	Code	Rate
UH 07LC	2630	\$40.32	366 post 1980	4752	\$61.06
UH 062	2660	\$33.27	466E	4990	\$70.30
UH 172	2695	\$76.22	566	5160	\$83.13
UH 122	2750	\$49.96	666, 666E	5225	\$104.29
EX 150	2797	\$36.99	866, 866E	5235	\$130.19
EX 200 LC	2800	\$47.43	6611	6000	\$24.16
EX 270 LC	2806	\$69.75	6614	6005	\$29.93
EX 300LC-2	2807	\$81.61			

6612	<b>6010</b>	\$27.35	LS 5800C II	<b>5814</b>	\$100.30
6620	<b>6015</b>	\$42.43	LS 6400	<b>5820</b>	\$136.57
6625	<b>6020</b>	\$53.06	LS 7400	<b>5830</b>	\$118.61
6644	<b>6040</b>	\$97.56	LS 7400A	<b>5840</b>	\$167.15

#### KOMATSU

#### [ KOMA ]

<u>Model</u>	Code	Rate
PC120-5	<b>9485</b>	\$30.15
PC 150-1	<b>9490</b>	\$27.77
PC 150-3	<b>9495</b>	\$35.88
PC 200 LC-2	<b>9500</b>	\$35.07
PC 200 - 5	<b>9504</b>	\$46.06
PC 200 LC-3	<b>9505</b>	\$44.82
PC 200 LC-5	<b>9506</b>	\$47.93
PC 220 LC-2	<b>9510</b>	\$45.10
PC 220 LC-3	<b>9515</b>	\$55.10
PC 220 LC-5	<b>9516</b>	\$56.94
PC 280 LC-3	<b>9517</b>	\$62.13
PC 300 LC-1, LC-2	<b>9520</b>	\$56.92
PC 300 LC-3	<b>9525</b>	\$72.04
PC 300 LC-5	<b>9526</b>	\$77.11
PC300LC-6	<b>9526A</b>	\$88.99
PC 360 LC-3	<b>9527</b>	\$87.03
PC 400 LC-1	<b>9530</b>	\$80.45
PC 400 LC-3	<b>9535</b>	\$97.41
PC 400 LC-5	<b>9536</b>	\$108.17
PC400LC-6	<b>9537</b>	\$118.71
PC 650-1	<b>9540</b>	\$152.06
PC 650-1 Front Shovel	<b>9550</b>	\$167.69
PC 650-3	<b>9552</b>	\$169.00
PC 1000-1	<b>9560</b>	\$238.09
PC 1000 LC-1	<b>9565</b>	\$248.83
PW 210-1	<b>9580</b>	\$56.19

#### LINK-BELT

#### [ L-B ]

<u>Model</u>	Code	Rate
LS 1600	<b>5390</b>	\$17.21
LS 2650	<b>5395</b>	\$23.87
LS 2700C II	<b>5398</b>	\$35.99
2700 QUANTUM	<b>5399</b>	\$38.00
LS 2800	<b>5400</b>	\$27.38
LS 2800A	<b>5402</b>	\$36.43
LS 2800A PL	<b>5404</b>	\$29.46
LS 2800 PL	<b>5405</b>	\$26.47
LS 2800B	<b>5410</b>	\$37.39
LS 3400	<b>5475</b>	\$51.45
LS 3400C II	<b>5477</b>	\$53.93
LS 4300	<b>5660</b>	\$65.60
LS 4300C II	<b>5662</b>	\$67.46
LS 4800	<b>5750</b>	\$77.65
LS 4800 PL	<b>5755</b>	\$63.02
LS 5400	<b>5805</b>	\$84.73
LS 5800	<b>5810</b>	\$91.33
LS 5800A	<b>5812</b>	\$97.69

#### MASSEY FERGUSON

#### [ M-F ]

<u>Model</u>	Code	Rate
MF 450D	<b>6245</b>	\$22.92
MF 450S	<b>6250</b>	\$22.81

#### MITSUBISHI

#### [ MITS ]

<u>Model</u>	Code	Rate
MS 090	<b>6290</b>	\$18.45
MS 180-3	<b>6295</b>	\$34.45
MS 180 LC-8	<b>6296</b>	\$38.40
MS 230 LC-3	<b>6300</b>	\$44.72
MS 240 LC-8	<b>6305</b>	\$48.26
MS 280-2	<b>6310</b>	\$54.29
MS 380-2	<b>6320</b>	\$78.25
MS 450-8	<b>6330</b>	\$85.15

#### NORTHWEST

#### [ NW ]

<u>Model</u>	Code	Rate
35 DH	<b>6335</b>	\$58.36
45 DH	<b>6340</b>	\$70.72
55 DH	<b>6345</b>	\$78.41
55 DH Series II	<b>6360</b>	\$115.32

#### P&H

#### [ P&H ]

<u>Model</u>	Code	Rate
H 750	<b>6628</b>	\$30.86
H 1250	<b>6630</b>	\$47.36
H 1750	<b>6635</b>	\$67.51
H 2500	<b>6645</b>	\$83.99
HS 2500	<b>6650</b>	\$89.07

#### TAKEUCHI

#### [ TAKU ]

<u>Model</u>	Code	Rate
TB 15	<b>7686</b>	\$6.55
TB 10S	<b>7688</b>	\$5.48
TB 35S	<b>7690</b>	\$9.77
TB 68S	<b>7692</b>	\$16.91
TB 800	<b>7695</b>	\$7.56

### HYDRAULIC CRANES & EXCAVATORS, [ HCESP ] SELF PROPELLED

**DELAY FACTOR = 0.31      OVERTIME FACTOR = 0.73**

Includes all attachments and accessories required for lifting or digging.  
Pavement breaker or compactor attachments are not included.

#### BUCYRUS-ERIE

#### [ B-E ]

<u>Model</u>	Code	Rate
300C/SP	<b>1670</b>	\$32.89



320C	1672	\$33.08	RT-49	4115	\$26.98
360C	1678	\$33.44	RT-58	4285	\$28.28
<b>BADGER</b>	[ BAGR ]		RT-418	4354	\$42.05
<u>Model</u>	Code	Rate	RT-420	4356	\$42.05
4425/30	1565	\$49.03	RT-422	4358	\$43.01
4435	1570	\$52.97	RT-525	4360	\$38.01
4435B	1573	\$54.64	RT-525B	4362	\$41.15
4435C	1573C	\$62.21	RT-525C	4363	\$46.37
445	1574	\$76.10	RT-527.5	4365	\$38.93
4450	1575	\$60.17	RT-528B	4370	\$41.15
4450B	1577	\$67.05	RT-528C	4372	\$46.37
4455	1579	\$76.12	RT-60	4520	\$33.27
<b>CASE</b>	[ CASE ]		RT-60S	4540	\$35.33
<u>Model</u>	Code	Rate	RT-515	4606	\$34.21
40E E-Boom, Cruz Air	1685	\$31.17	RT-518	4607	\$37.15
40E Y-Boom, Cruz Air	1687	\$31.38	RT-520	4608	\$38.75
40F E-Boom, Cruz Air	1687H	\$33.60	RT-522	4609	\$39.65
40F Y-Boom, Cruz Air	1687K	\$34.45	RT-522C	4609G	\$46.37
45 E-Boom, Cruz Air	1688	\$39.43	RT-625	4630	\$46.32
45 Y-Boom, Cruz Air	1689	\$44.59	RT-630	4635	\$46.32
45B E-Boom, Cruz Air	1689H	\$42.75	RT-630B	4637	\$51.54
45B Y-Boom, Cruz Air	1689K	\$43.54	RT-635	4640	\$49.00
880R E-Boom	1690	\$25.77	RT-65 S	4700	\$50.23
880R Y-Boom	1695	\$25.90	RT-740	4710	\$59.03
1085 E-Boom, Cruz Air	1696E	\$33.38	RT-745	4715	\$79.77
1085 Y-Boom, Cruz Air	1696Y	\$33.70	RT-75 S	4720	\$56.72
1085B Y-Boom, Cruz Air	1696Z	\$36.97	RT-755	4725	\$67.21
1285 E-Boom, Cruz Air	1697E	\$38.65	RT-760	4727	\$89.37
1285 Y-Boom, Cruz Air	1697Y	\$38.81	RT-865	4730	\$89.68
3330 Low Profile	1698E	\$16.88	RT865B	4732	\$108.33
3330B	1698H	\$17.14	RT-875	4735	\$108.48
<b>CATERPILLAR</b>	[ CAT ]		RT-980	4750	\$103.52
<u>Model</u>	Code	Rate	RT-990	4760	\$130.01
206	1699	\$25.20	RT9100	4790	\$149.87
212	1699E	\$31.35	<b>LINK-BELT</b>	[ L-B ]	
214	1699H	\$33.92	<u>Model</u>	Code	Rate
224	1699J	\$42.28	HSP 15	5500	\$32.06
<b>GRADALL</b>	[ GRAD ]		HSP 18	5505	\$32.06
<u>Model</u>	Code	Rate	HSP 20	5510	\$38.52
G 3WD, 4x4	0110	\$38.12	HSP 22	5530	\$40.04
<b>GROVE</b>	[ GROV ]		HSP 25	5535	\$38.98
<u>Model</u>	Code	Rate	HSP 8015	5538	\$42.60
24	3820	\$14.17	HSP 8018	5538E	\$42.60
36	3830	\$19.38	HSP 8018XL	5538G	\$50.61
68	3850	\$34.19	HSP 8018C	5538H	\$45.08
1012	3870	\$37.36	HSP 8025	5538P	\$47.82
2535	3880	\$57.21	HSP 8025 S	5538PF	\$49.08
RT-48	4030	\$26.69	HSP 8030	5538Q	\$51.54
			HSP 8035	5538R	\$76.64
			HSP 8040	5538S	\$76.77
			HSP 8050	5538T	\$78.71
			HSP 8055	5538V	\$73.77
			HSP 8060	5539	\$88.59

<b>LORAIN</b>	<b>[ LORN ]</b>	
<u>Model</u>	Code	Rate
LRT 15H	5730	\$32.22
LRT 15U	5735	\$33.49
LRT 18U	5740	\$34.06
LRT 35U	5745	\$51.79
LRT 40U	5750	\$53.14
LRT 150	5755	\$32.95
LRT 150D	5756	\$44.34
LRT 180	5760	\$32.87
LRT 180D	5760D	\$45.66
LRT 200	5765	\$32.49
LRT 200D	5765D	\$45.84
LRT 220	5767	\$35.38
LRT 230	5768	\$40.62
LRT 230D	5768D	\$45.86
LRT 250	5769	\$43.56
LRT 250D	5769D	\$45.86
LRT 275	5770	\$41.21
LRT 275D	5770D	\$45.86
LRT 330	5772	\$49.95
LRT 400	5773	\$60.75
LRT 450	5774	\$64.16
LRT 500	5775	\$67.50
LRT 550	5790	\$73.20

<b>P&amp;H</b>	<b>[ P&amp;H ]</b>	
<u>Model</u>	Code	Rate
OMEGA 14	5790	\$32.35
OMEGA 15	5792	\$32.35
OMEGA 18	5794	\$32.82
OMEGA 25	5795	\$47.57
OMEGA 20	5796	\$33.55
OMEGA 23	5796E	\$36.54
OMEGA 30	5796J	\$50.23
OMEGA 35	5796P	\$51.28
OMEGA 40	5797	\$70.30
OMEGA 45	5797E	\$72.14
OMEGA 50	5797J	\$69.47
OMEGA 60	5798	\$68.34
OMEGA 65	5799	\$92.44
OMEGA 114	5799C	\$40.48
OMEGA 114D	5799G	\$38.36
OMEGA 118	5799Q	\$42.12
OMEGA 118D	5799S	\$38.52
OMEGA 120	5799U	\$43.91
OMEGA 120D	5799W	\$39.29
OMEGA 122	5799X	\$44.98
OMEGA 122D	5799Y	\$39.92
OMEGA 125	5799Z	\$45.37
OMEGA 128	5799ZA	\$43.93
R 150	5890	\$24.52
R 150-1	5910	\$24.00

R 180	5975	\$24.87
R 200	6060	\$25.22
OMEGA S-15	6062	\$49.73
OMEGA S-18	6063	\$49.73
OMEGA S-20	6064	\$52.57
S-35	6064E	\$66.17

<b>PETTIBONE</b>	<b>[ PET ]</b>	
<u>Model</u>	Code	Rate
16 MK P Series	6500	\$29.52
20 MK P Series	6580	\$30.20
25	6740	\$24.60
25 MK P Series	6750	\$31.00
29 MK P Series	6880	\$32.11
30	6900	\$24.60
30 MK P Series	6903	\$33.19
30 SC, 30 SC P Series	6910	\$39.02
60 SC	6990	\$46.81
60 SC P Series	6995	\$52.81
70	7100	\$51.73
70 SC	7165	\$49.58
70 SC P Series	7170	\$56.52
80 MK P Series	7250	\$54.30
80 SC P Series	7260	\$55.80

<b>R.O. PRODUCTS</b>	<b>[ ROP ]</b>	
<u>Model</u>	Code	Rate
MC 5A	8005	\$11.66
MC 50B	8175	\$19.85
MC 50C	8260	\$21.27

**HYDRAULIC CRANE & EXCAVATORS, [ HCETD ]  
TRUCK MTD. W/ CARRIER**

**DELAY FACTOR = 0.28      OVERTIME FACTOR = 0.75**  
Includes truck/carrier. Includes all attachment and accessories required for lifting or digging. Pavement breaker or compactor attachments are not included.

<b>ALENCO</b>	<b>[ ALNC ]</b>	
<u>Model</u>	Code	Rate
5 ton	0400	\$15.39

<b>BUCYRUS-ERIE</b>	<b>[ B-E ]</b>	
<u>Model</u>	Code	Rate
25 XC	1360	\$49.14
30 XC	1370	\$50.95
40 C	1475	\$41.90
60 XC	1590	\$85.57
65 C	1592	\$74.63
90 XC	1600	\$101.99

<b>BADGER</b>	<b>[ BAGR ]</b>	
<u>Model</u>	Code	Rate
300 Hydro-Scopic	0550	\$37.04

460 Hydro-Scopic	<b>0555</b>	\$36.13
666 Hydro-Scopic	<b>0560</b>	\$55.77
888 Hydro-Scopic	<b>0600</b>	\$64.14

#### BANTAM

#### [ BANT ]

<u>Model</u>	Code	Rate
T 744 Teleskoop	<b>1285</b>	\$41.57
T 888	<b>1310</b>	\$51.76
T 888B	<b>1315</b>	\$57.27

#### DEVAULT

#### [ DVUT ]

<u>Model</u>	Code	Rate
TK 15-10	<b>1900</b>	\$23.31

#### GRADALL

#### [ GRAD ]

<u>Model</u>	Code	Rate
G 3W	<b>0120</b>	\$39.26
G 660	<b>0170</b>	\$40.08
G 660B	<b>0180</b>	\$48.88
G 660C	<b>0190</b>	\$50.52
G 800	<b>0210</b>	\$28.30
G 880B	<b>0220</b>	\$57.88
G 880C	<b>0230</b>	\$58.99
G 1000	<b>0240</b>	\$72.25

#### GROVE

#### [ GROV ]

<u>Model</u>	Code	Rate
TD 520	<b>2221</b>	\$54.84
TD 522	<b>2223</b>	\$54.84
TD 525	<b>2224</b>	\$55.82
TMS 250	<b>2850</b>	\$49.62
TMS 250A	<b>2860</b>	\$51.01
TMS 250B	<b>2870</b>	\$55.23
TMS 250C	<b>2875</b>	\$74.00
TMS 300	<b>2922</b>	\$58.37
TMS 300B	<b>2923</b>	\$84.03
TMS 760	<b>3180</b>	\$112.15
TMS 865	<b>3378</b>	\$89.79
TM 875	<b>3380</b>	\$83.60
TMS 875	<b>3385</b>	\$111.26
TM 890	<b>3387</b>	\$132.16
TM 1075	<b>3390</b>	\$109.62

#### HIAB

#### [ HIAB ]

<u>Model</u>	Code	Rate
100 AW	<b>3850</b>	\$17.91
1165	<b>3852</b>	\$14.99
170 thru 174	<b>3854</b>	\$13.18
175 thru 177	<b>3855</b>	\$13.36
550, 5501	<b>3857</b>	\$15.44
650	<b>3859</b>	\$17.34

#### KOEHRING

#### [ KOEH ]

<u>Model</u>	Code	Rate
4460 Teleskoop	<b>4400</b>	\$38.84
4465 Teleskoop	<b>4405</b>	\$40.16
4470 Teleskoop	<b>4410</b>	\$47.96
4475 Teleskoop	<b>4415</b>	\$49.30

#### LINK-BELT

#### [ L-B ]

<u>Model</u>	Code	Rate
HTC 14	<b>4505</b>	\$52.41
HTC 25	<b>4507</b>	\$52.41
HTC 35	<b>4509</b>	\$51.57
HTC 50	<b>4510</b>	\$68.47
HTC 50W	<b>4520</b>	\$74.17
HTC 814	<b>4530</b>	\$70.77
HTC 814XL	<b>4531</b>	\$74.52
HTC 822 S	<b>4532</b>	\$65.31
HTC 825	<b>4535</b>	\$57.59
HTC 825 S	<b>4536</b>	\$66.46
HTC 830	<b>4537</b>	\$71.30
HTC 835	<b>4539</b>	\$74.59
HTC 835XL	<b>4539C</b>	\$89.50
HTC 840	<b>4539E</b>	\$89.76
HTC 850	<b>4539G</b>	\$94.57
HTC 855	<b>4539H</b>	\$81.74
HTC 860	<b>4539J</b>	\$100.02
HTC 1040	<b>4540</b>	\$89.18
HTC 1050	<b>4545</b>	\$95.58
HTC 1055	<b>4550</b>	\$85.75
HTC 1060	<b>4555</b>	\$100.28
HTC-11100	<b>4600</b>	\$148.91

#### LORAIN

#### [ LORN ]

<u>Model</u>	Code	Rate
MCH 140	<b>4942</b>	\$60.14
MCH 150	<b>4946</b>	\$52.25
MCH 180	<b>4947</b>	\$52.25
MCH 300	<b>4953</b>	\$64.99
MCH 350	<b>4955</b>	\$59.02
MCH 400	<b>4957</b>	\$73.33
MCH 500	<b>4960</b>	\$69.02

#### MANITEX

#### [ MANX ]

<u>Model</u>	Code	Rate
1161	<b>4980</b>	\$21.54

#### NATIONAL

#### [ NATL ]

<u>Model</u>	Code	Rate
Ser 4/400, 11.3 m (37') boom	<b>4983</b>	\$18.55
Ser 4/400, 14.0 m (46') boom	<b>4984</b>	\$18.77
Ser 4/400, 16.8 m (55') boom	<b>4985</b>	\$18.96
Ser 5/500A/B, 14.3 m (47') boom	<b>4986</b>	\$23.41

Ser 5/500A/B, 17.1 m (56') boom	<b>4987</b>	\$24.07
Ser 6/600, 14.3 m (47') boom	<b>4989</b>	\$23.05
Ser 6/600, 17.1 m (56') boom	<b>4990</b>	\$23.44
856	<b>4995</b>	\$24.00
856B	<b>4996</b>	\$23.12
875	<b>4997</b>	\$24.80
875B	<b>4998</b>	\$26.38
Series 85	<b>4999</b>	\$20.33

<b>P&amp;H</b>	<b>[ P&amp;H ]</b>	
<u>Model</u>	Code	Rate
ALPHA 100 ton	<b>5000</b>	\$182.02
CENTURY T-280	<b>5005</b>	\$70.08
T-150	<b>5290</b>	\$48.06
T-180	<b>5380</b>	\$48.54
T-200	<b>5470</b>	\$49.13
T-250	<b>5560</b>	\$59.28
CN T-250	<b>5561</b>	\$71.22
OMEGA T-250	<b>5570</b>	\$61.41
OMEGA T-300	<b>5580</b>	\$63.19
OMEGA T-350	<b>5585</b>	\$64.47
T-300A	<b>5665</b>	\$59.66
OMEGA T-400	<b>5666M</b>	\$84.04
OMEGA T-450	<b>5669</b>	\$85.80
T-600 XL	<b>5670</b>	\$86.31
OMEGA T-500	<b>5680</b>	\$85.24
OMEGA T-650	<b>5745</b>	\$106.28
T-750	<b>5780</b>	\$88.98

<b>PITMAN</b>	<b>[ PIT ]</b>	
<u>Model</u>	Code	Rate
Hydralift HL 40 thru 95	<b>6670</b>	\$14.26
Hydralift HL 100 thru 170	<b>6675</b>	\$17.17
737, 857, 858 or 900	<b>6685</b>	\$19.26
1200, 1545-T2 or 1580	<b>6695</b>	\$24.80
POLECAT	<b>6697</b>	\$23.56
PELICAN	<b>6699</b>	\$23.83

<b>R.O. PRODUCTS</b>	<b>[ ROP ]</b>	
<u>Model</u>	Code	Rate
TC-40	<b>6860</b>	\$15.32
TC-50	<b>6862</b>	\$17.00
TC-70	<b>6864</b>	\$18.47
TC-80	<b>6866</b>	\$18.65
TC-85	<b>6868</b>	\$18.10
TC-110	<b>6870</b>	\$21.86
TC-120	<b>6872</b>	\$22.36
TC-125	<b>6874</b>	\$22.10
TC-145	<b>6876</b>	\$25.95
TC-150	<b>6878</b>	\$23.54

### HYDRAULIC CRANE & EXCAVATORS, [ HCETG ] TRUCK MTD LESS CARRIER

**DELAY FACTOR = 0.26      OVERTIME FACTOR = 0.78**  
Includes all lifting and digging attachments and accessories. Truck/carrier to be paid separately. Pavement breaker or compactor attachments are not included.

<b>BUCYRUS-ERIE</b>	<b>[ B-E ]</b>	
<u>Model</u>	Code	Rate
H-3 series two	<b>1000</b>	\$20.78
H-5 series two	<b>1300</b>	\$27.01

<b>GALION</b>	<b>[ GALN ]</b>	
<u>Model</u>	Code	Rate
125 P	<b>1970</b>	\$21.29
150 P	<b>1980</b>	\$26.67

<b>GROVE</b>	<b>[ GROV ]</b>	
<u>Model</u>	Code	Rate
TM 100C	<b>2020</b>	\$26.63
TM 200C	<b>2040</b>	\$32.36

### HYDRAULIC PERSONNEL LIFTS & [ HYLFT ] AERIAL WORK PLATFORMS

**DELAY FACTOR = 0.36      OVERTIME FACTOR = 0.66**  
Includes self propelled and power take off(PTO) units whether gas, diesel or electric. Rates for any truck or carrier mounted units shall pay for the truck separately. Reach is rated by Mfr's maximum extension in meters(feet).

BOOM TYPE		[ BOOM ]	
<u>OVER</u>	<u>TO</u>	Code	Rate
0	7.6 (25)	<b>00-24</b>	\$5.44
7.6 (25)	15.2 (50)	<b>25-49</b>	\$17.45
15.2 (50)	22.9 (75)	<b>50-74</b>	\$27.11

SCISSOR TYPE		[ SCIS ]	
<u>OVER</u>	<u>TO</u>	Code	Rate
0	6.1 (20)	<b>00-20</b>	\$7.16
6.4 (21)	9.1 (30)	<b>21-30</b>	\$8.81
9.4 (31)	15.2 (50)	<b>31-50</b>	\$12.85

### LOADERS, CRAWLER [ LDRCL ]

**DELAY FACTOR = 0.27      OVERTIME FACTOR = 0.76**  
Includes all attachments and accessories excluding clam-action buckets and backhoe(see attachment class).

<b>CASE</b>	<b>[ CASE ]</b>	
<u>Model</u>	Code	Rate
350B	<b>2370</b>	\$15.76
450B	<b>2610</b>	\$16.63
455B	<b>2620</b>	\$18.52
455C	<b>2620A</b>	\$18.82

1155D	<b>3555</b>	\$33.42
1155E	<b>3556</b>	\$34.49
1450	<b>3560</b>	\$33.72
1450B	<b>3565</b>	\$38.92
1455B	<b>3568</b>	\$39.81

#### CATERPILLAR

[ CAT ]

<u>Model</u>	Code	Rate
931B	<b>3735</b>	\$16.12
931C	<b>3735C</b>	\$19.25
931 LGP	<b>3740</b>	\$15.60
931B LGP	<b>3745</b>	\$18.08
935B	<b>3845</b>	\$20.92
935C	<b>3845C</b>	\$23.52
943	<b>4130</b>	\$32.41
943 LGP	<b>4135</b>	\$29.14
951C 86J 1992 serial	<b>4200</b>	\$20.67
951C 86J 2598 serial	<b>4210</b>	\$26.65
951C LGP 86J 2598 ser	<b>4215</b>	\$27.52
953	<b>4220</b>	\$42.20
953 LGP	<b>4230</b>	\$37.88
955L 85J 6247 serial	<b>4675</b>	\$30.83
955L 85J 13X10129 ser	<b>4680</b>	\$37.46
955L LGP 85J 13X10129	<b>4685</b>	\$37.82
963	<b>4690</b>	\$56.40
963 LGP	<b>4693</b>	\$50.05
973	<b>4695</b>	\$86.37
973 LGP	<b>4698</b>	\$70.86
977K	<b>5014</b>	\$29.94
977K 11K serial	<b>5092</b>	\$34.30
977L 11K 3919 serial	<b>5170</b>	\$40.39
977L 11K 5083 serial	<b>5180</b>	\$50.92
977L 14X serial	<b>5185</b>	\$57.54
977L LGP	<b>5190</b>	\$57.17
983	<b>5248</b>	\$72.31
983B	<b>5265</b>	\$85.45

#### JOHN DEERE

[ DEER ]

<u>Model</u>	Code	Rate
JD 350C	<b>5420</b>	\$16.21
JD 450C (4 speed PS)	<b>5805</b>	\$17.94
JD 455D	<b>5807</b>	\$19.32
JD 455E	<b>5809</b>	\$18.90
JD 455G	<b>5809A</b>	\$20.72
JD 555	<b>5810</b>	\$20.74
JD 555A	<b>5812</b>	\$23.38
JD 555B	<b>5814</b>	\$22.57
JD 555G	<b>5814A</b>	\$27.22
JD 655	<b>5815</b>	\$34.09
JD 655B	<b>5817</b>	\$36.76
JD 755	<b>5820</b>	\$29.86
JD 755A	<b>5822</b>	\$39.65
JD 755B	<b>5824</b>	\$42.05
JD 855	<b>5830</b>	\$58.89

#### DRESSER

[ DRES ]

<u>Model</u>	Code	Rate
100E (PS)	<b>9000</b>	\$19.36
100G	<b>9005</b>	\$20.95
125E (PS)	<b>9010</b>	\$24.61
125G	<b>9015</b>	\$26.51
175C (PS)	<b>9020</b>	\$42.29
200	<b>9025</b>	\$53.15
250C (PS)	<b>9030</b>	\$55.51
250E (PS)	<b>9035</b>	\$64.27

#### KOMATSU

[ KOMA ]

<u>Model</u>	Code	Rate
D 53S-16	<b>7878</b>	\$29.50
D 53S-17	<b>7878A</b>	\$44.45
D 55S-2	<b>7900</b>	\$27.25
D 55S-3	<b>7978</b>	\$27.25
D 57S-1	<b>8000</b>	\$44.56
D 65S-6	<b>8017</b>	\$37.61
D 66S-1	<b>8020</b>	\$59.63
D 75S-2	<b>8056</b>	\$39.96
D 75S-3	<b>8060</b>	\$53.21
D 75S-5	<b>8061</b>	\$80.46
D 155S-1	<b>8080</b>	\$124.14

#### LOADERS, RUBBER TIRE

[ LDRRT ]

**DELAY FACTOR = 0.30      OVERTIME FACTOR = 0.72**

Includes all attachments and accessories. Clam-action buckets, 4WD and backhoes are excluded unless otherwise noted.

#### ALLIS-CHALMERS

[ A-C ]

<u>Model</u>	Code	Rate
710C	<b>0747</b>	\$13.40
714B	<b>0750</b>	\$12.34
714C w/ backhoe	<b>0752</b>	\$15.17
715B w/ backhoe	<b>0765</b>	\$14.42
715C w/ backhoe	<b>0767</b>	\$15.45

#### CASE

[ CASE ]

<u>Model</u>	Code	Rate
W-11	<b>1365</b>	\$13.97
W-11B	<b>1368</b>	\$17.02
W-18	<b>1444</b>	\$20.86
W-18 9213140 serial	<b>1450</b>	\$24.80
W-18B	<b>1460</b>	\$27.21
W-20	<b>1472</b>	\$24.92
W-20B	<b>1480</b>	\$25.77
W-20C	<b>1482</b>	\$28.22
W-30	<b>1565</b>	\$37.62
480B	<b>1636</b>	\$8.63
480B w/ backhoe	<b>1640</b>	\$10.02
480C	<b>1650</b>	\$11.79

480C w/ backhoe	<b>1660</b>	\$13.48	950 90A serial	<b>2228</b>	\$21.40
480D	<b>1662</b>	\$13.98	950 31K & 81J serial	<b>2270</b>	\$33.64
480D w/ backhoe	<b>1664</b>	\$16.08	950B	<b>2272</b>	\$43.27
480E w/ backhoe	<b>1666</b>	\$13.64	950E	<b>2300</b>	\$47.91
480E LL	<b>1667</b>	\$12.33	950F	<b>2301</b>	\$49.61
480F w/ backhoe	<b>1668</b>	\$14.96	966C	<b>2340</b>	\$54.96
480F LL	<b>1669</b>	\$12.87	966D	<b>2350</b>	\$58.06
480LL	<b>1677</b>	\$14.03	966E	<b>2360</b>	\$65.98
580B w/ backhoe	<b>1705</b>	\$12.39	966F	<b>2361</b>	\$67.34
580C	<b>1710</b>	\$10.73	980B	<b>2376</b>	\$55.19
580C w/ backhoe	<b>1715</b>	\$12.78	980C	<b>2378</b>	\$85.86
580D	<b>1717</b>	\$11.90	988 87A6868 serial	<b>2398</b>	\$64.69
580D w/ backhoe	<b>1720</b>	\$14.41	988B 50W serial	<b>2436</b>	\$126.37
580 Super D	<b>1725</b>	\$12.97	992B 25K serial	<b>2460</b>	\$126.31
580 Super D w/ backhoe	<b>1727</b>	\$15.57	992C	<b>2470</b>	\$255.54
580 Super E	<b>1731</b>	\$13.18	IT 12	<b>2472</b>	\$19.03
580 Super E w/ backhoe	<b>1735</b>	\$16.14	IT 12B	<b>2472B</b>	\$22.52
580K w/ backhoe	<b>1739</b>	\$16.45	IT 18	<b>2474</b>	\$23.77
580K 4WD w/ backhoe	<b>1740</b>	\$17.63	IT 18B	<b>2475</b>	\$27.31
580 Super K w/ backhoe	<b>1742</b>	\$17.95	IT 28	<b>2476</b>	\$27.94
590 Turbo w/ backhoe	<b>1745</b>	\$21.79	IT 28B	<b>2477</b>	\$31.38
621	<b>1750</b>	\$29.30	<b>CLARK</b>	<b>[ CLRK ]</b>	
721	<b>1752</b>	\$35.96	<u>Model</u>	Code	Rate
821	<b>1754</b>	\$44.48			
680E w/ backhoe	<b>1840</b>	\$20.72	35C	<b>2484</b>	\$21.30
680G w/ backhoe	<b>1850</b>	\$19.41	45C	<b>2486</b>	\$25.02
680H w/ backhoe	<b>1852</b>	\$22.52	55C	<b>2488</b>	\$29.66
680K w/ backhoe	<b>1854</b>	\$23.55	75C	<b>2491</b>	\$40.28
680L w/ backhoe	<b>1856</b>	\$24.31	275B	<b>2496</b>	\$83.91
780 w/ backhoe	<b>1864</b>	\$24.59	275C	<b>2497</b>	\$104.42
780B w/ backhoe	<b>1866</b>	\$28.24	<b>JOHN DEERE</b>	<b>[ DEER ]</b>	
780C w/ backhoe	<b>1867</b>	\$29.15	<u>Model</u>	Code	Rate
780D w/ backhoe	<b>1868</b>	\$29.88			
780D 4WD w/ backhoe	<b>1869</b>	\$31.38			
<b>CATERPILLAR</b>	<b>[ CAT ]</b>		JD-210C	<b>2485</b>	\$11.52
<u>Model</u>	Code	Rate	JD-210C w/ backhoe	<b>2490</b>	\$13.17
416 w/ backhoe	<b>1860</b>	\$16.82	JD-310A w/ backhoe	<b>2504</b>	\$13.64
416 Series II w/ backhoe	<b>1860A</b>	\$17.02	JD-310B w/ backhoe	<b>2506</b>	\$14.40
426 w/ backhoe	<b>1862</b>	\$19.04	JD-310C w/ backhoe	<b>2507</b>	\$15.58
426 Series II w/ backhoe	<b>1862A</b>	\$19.23	JD-310D w/ backhoe	<b>2507D</b>	\$16.52
428 w/ backhoe	<b>1864</b>	\$19.01	JD-410 w/ backhoe	<b>2508</b>	\$15.46
428 Series II w/ backhoe	<b>1864A</b>	\$19.21	JD-410B w/ backhoe	<b>2509</b>	\$16.22
436 w/ backhoe	<b>1866</b>	\$20.46	JD-410C w/ backhoe	<b>2509F</b>	\$18.26
436 Series II w/ backhoe	<b>1866A</b>	\$20.61	JD-410D w/ backhoe	<b>2509G</b>	\$19.29
446 w/ backhoe	<b>1868</b>	\$28.15	JD-444	<b>2510</b>	\$19.57
910	<b>1870</b>	\$18.36	JD-444C	<b>2515</b>	\$21.70
910E	<b>1870E</b>	\$22.08	JD-444D	<b>2520</b>	\$21.57
916	<b>1885</b>	\$25.34	JD-444E	<b>2521</b>	\$23.66
920	<b>1894</b>	\$22.13	JD-500C w/ backhoe	<b>2592</b>	\$17.90
926	<b>2065</b>	\$27.42	JD-510 w/ backhoe	<b>2620</b>	\$16.49
926E	<b>2067</b>	\$30.63	JD-510B w/ backhoe	<b>2625</b>	\$18.67
930 41K serial	<b>2088</b>	\$26.35	JD-510C w/ backhoe	<b>2630</b>	\$21.13
936	<b>2100</b>	\$34.18	JD-510D w/ backhoe	<b>2630D</b>	\$22.67
936E	<b>2110</b>	\$37.75	JD-544B	<b>2660</b>	\$24.41
			JD-544C	<b>2670</b>	\$26.10

JD-544D	<b>2672</b>	\$25.05
JD-544E	<b>2673</b>	\$28.00
JD-610B w/ backhoe	<b>2690</b>	\$21.36
JD-610C w/ backhoe	<b>2691</b>	\$23.00
JD-624E	<b>2700</b>	\$34.55
JD-644B	<b>2710</b>	\$33.82
JD-644C	<b>2715</b>	\$37.03
JD-644D	<b>2717</b>	\$36.26
JD-644E	<b>2719</b>	\$42.05
JD-710B w/ backhoe	<b>2720</b>	\$26.44
JD-710C w/ backhoe	<b>2721</b>	\$29.71
JD-844	<b>2725</b>	\$65.23

#### DRESSER

#### [ DRES ]

<u>Model</u>	Code	Rate
510B	<b>2310</b>	\$20.13
510C	<b>2310C</b>	\$23.18
515B	<b>3517</b>	\$25.74
515C	<b>3517C</b>	\$28.85
520B	<b>3519</b>	\$30.30
520C	<b>3519C</b>	\$35.33
530	<b>3520</b>	\$43.69
530C	<b>3520C</b>	\$47.03
540	<b>3530</b>	\$58.82
550	<b>3540</b>	\$66.86

#### FIAT-ALLIS

#### [ F-A ]

<u>Model</u>	Code	Rate
545B	<b>3042</b>	\$23.20
745C	<b>3046</b>	\$44.76
FR 10	<b>3049H</b>	\$25.58
FR 10B	<b>3049I</b>	\$29.48
FR 20	<b>3050</b>	\$55.88
FR 30	<b>3051</b>	\$75.62
FR 20B	<b>3051B</b>	\$65.83
FR 35	<b>3052</b>	\$106.30

#### FORD

#### [ FORD ]

<u>Model</u>	Code	Rate
650 w/ backhoe	<b>3056</b>	\$13.37
655A w/ backhoe	<b>3056F</b>	\$17.91
655C w/ backhoe	<b>3056G</b>	\$21.13
750 w/ backhoe	<b>3057</b>	\$19.05
755 w/ backhoe	<b>3061</b>	\$22.59
755B w/ backhoe	<b>3063</b>	\$26.24
755A w/ backhoe	<b>3065</b>	\$24.65
A-62	<b>3114</b>	\$19.44
A-64	<b>3116</b>	\$23.48
A-66	<b>3118</b>	\$32.66

#### FURUKAWA

#### [ FURU ]

<u>Model</u>	Code	Rate
FL 320A	<b>3120M</b>	\$47.59
FL 330	<b>3120S</b>	\$51.97

#### HOUGH

#### [ HOUG ]

#### Model

Code Rate

H-90E

**3884** \$57.62

#### INTERNATIONAL

#### [ INTL ]

#### Model

Code Rate

260A

**2260** \$12.59

260A w/ backhoe

**2270** \$14.40

270A w/ backhoe

**2280** \$15.91

280A w/ backhoe

**2285** \$21.29

#### J C B

#### [ JCB ]

#### Model

Code Rate

3C 1550 2WD w/ hoe

**4448** \$14.50

3D 1700 4WD w/ hoe

**4450** \$19.91

1400B w/ backhoe

**4455** \$17.33

1550B w/ backhoe

**4457** \$19.90

1600B w/ backhoe

**4458** \$23.28

1700B w/ backhoe

**4459** \$24.51

#### KOMATSU

#### [ KOMA ]

#### Model

Code Rate

W 120-3

**4520** \$49.02

W 180-1

**4525** \$70.81

WA 200-1

**4536** \$29.59

WA 250-1

**4537** \$38.16

WA 300-1

**4538** \$37.84

WA 320-1

**4539** \$45.80

WA 350-1

**4540** \$46.94

WA 380-1

**4541** \$54.20

WA 400-1

**4542** \$54.94

WA 450-1

**4544** \$70.67

WA 450-2

**4544B** \$77.72

WA 470-1

**4545** \$78.45

WA 500-1

**4546** \$90.41

#### MASSEY FERGUSON

#### [ M-F ]

#### Model

Code Rate

MF 44C

**5143** \$23.67

MF 50H Series S

**5150** \$13.72

MF 50H Series S, 4WD

**5152** \$14.48

MF 50HX Series S

**5154** \$14.54

MF 50HX Series S, 4WD

**5156** \$15.51

MF 55C

**5170** \$30.80

MF 60 w/ backhoe

**5171** \$16.03

MF 60H Series S w/ hoe

**5172** \$17.04

MF 66C

**5174** \$40.81

MF 80 w/ backhoe

**5182** \$21.64

MF 88

**5184** \$64.72

<b>TEREX</b>		[ <b>TERX</b> ]
<u>Model</u>	Code	Rate
70C	<b>7938</b>	\$62.22
72-61	<b>8036</b>	\$74.90
72-71B	<b>8055</b>	\$102.45
72-81	<b>8080</b>	\$130.64

<b>VOLVO-MICHIGAN-EUCLID</b>		[ <b>VME</b> ]
<u>Model</u>	Code	Rate
175B	<b>6186</b>	\$53.28
175C	<b>6186C</b>	\$74.61
275B	<b>6330</b>	\$70.01
275C	<b>6330C</b>	\$104.42
L-120	<b>9595</b>	\$54.57
L-160	<b>9600</b>	\$74.54
L-190	<b>9605</b>	\$87.67

### LEADS, PILE DRIVING [ **LEADS** ]

**DELAY FACTOR = 0.51 OVERTIME FACTOR = 0.54**

<b>FIXED</b>		[ <b>FIXD</b> ]
Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with height of the lead measured in meters ( linear feet)		
<u>OVER</u>	<u>TO</u>	Code Rate
0	16.8 (55) (w/o spotter)	<b>0100</b> \$14.17
16.8 (55)	32.0 (105) (w/o spotter)	<b>0200</b> \$18.09
over	32.0 (105) (w/o spotter)	<b>0300</b> \$22.69
0	16.8 (55) (w/ spotter)	<b>1100</b> \$23.92
16.8 (55)	32.0 (105) (w/ spotter)	<b>1200</b> \$28.58
over	32.0 (105) (w/ spotter)	<b>1300</b> \$33.92

<b>SWINGING</b>		[ <b>SWNG</b> ]
Includes headblock, taper top, tip sled and connector, foot yoke, foot yoke sheave, intermediate flights, and all attachments and accessories. Rated in accordance with the height of the lead measured in meters (linear feet).		
<u>OVER</u>	<u>TO</u>	Code Rate
0	16.8 (55) (w/o spotter)	<b>0400</b> \$9.40
16.8 (55)	32.0 (105) (w/o spotter)	<b>0500</b> \$13.11
over	32.0 (105) (w/o spotter)	<b>0600</b> \$17.71
0	16.8 (55) (w/ spotter)	<b>1400</b> \$19.14
16.8 (55)	32.0 (105) (w/ spotter)	<b>1500</b> \$23.60
over	32.0 (105) (w/ spotter)	<b>1600</b> \$28.94

### NON-OPERATED EQUIPMENT (DAILY [ **NONOP** ] RATES)

**DELAY FACTOR = 0.61 OVERTIME FACTOR = 1.00**  
Note various units for different items. The following allowance is entered on the extra work bill by using the (unit listed x number of days) in the hours worked column.

The following list is limited to items with long estimated lives. Additional traffic related items such as cones and barricades, are still listed under TRAFIC in this publication. Other non-operated items with short estimated lives should be treated as materials and should not be "rented". Non rented items are 1) intended to be job specific (amortized over the life of the project) and 2) have an estimated life measured by number of uses rather than a length of time.

<b>MISCELLANEOUS</b>		[ <b>MISC</b> ]
<u>Model</u>	Code	Rate
Casing, 450 mm dia, per 0.3 m (Casing, 18" dia, per lf)	<b>0120</b>	\$0.04
Casing, 650 mm dia, per 0.3 m (Casing, 26" dia, per lf)	<b>0130</b>	\$0.06
Casing, 900 mm dia, per 0.3 m (Casing, 36" dia, per lf)	<b>0140</b>	\$0.10
Casing, 1800 mm dia, per 0.3 m (Casing, 72" dia, per lf)	<b>0150</b>	\$0.24
Casing, 2400 mm dia, per 0.3 m (Casing, 96" dia, per lf)	<b>0160</b>	\$0.29
Casing, 2700 mm dia, per 0.3 m (Casing, 108" dia, per lf)	<b>0170</b>	\$0.33
Casing, 3000 mm dia, per 0.3 m (Casing, 120" dia, per lf)	<b>0180</b>	\$0.44
Pile, all depths "H" pile, per 45.0 kg (Pile, all depths "H" pile, per hundred-weight)	<b>0190</b>	\$0.04
Pipe, 250-300 mm dia, per 0.3 m (Pipe, 10-12" dia, per lf)	<b>0200</b>	\$0.02
Plate, 22 mm thick, per 9.3 sm (Plate, 7/8" thick, per 100 sf)	<b>0210</b>	\$1.42
Plate, 25 mm thick, per 9.3 sm (Plate, 1" thick, per 100 sf)	<b>0220</b>	\$1.62
Plate, 38 mm thick, per 9.3 sm (Plate, 1.5" thick, per 100 sf)	<b>0230</b>	\$2.44
<b>SCAFFOLDING, SHORING, FALSEWORK</b>		[ <b>SSFW</b> ]
<u>Model</u>	Code	Rate
Metal form, 1.8 m x3.0 m, per 14.6 m (Metal form, 6x10 box culvert, per 48 lf)	<b>0310</b>	\$49.89
Metal form, 2.4 m x3.7 m, per 15.2 m (Metal form, 8x12 box culvert, per 50 lf)	<b>0320</b>	\$55.26
Metal form, 2.1 m x4.3 m, per 15.2 m (Metal form, 7x14 box culvert, per 50 lf)	<b>0330</b>	\$60.72
Metal form, type 25 barrier, per 3.0 m (Metal form, type 25 barrier, per 10 lf)	<b>0340</b>	\$3.07
Metal form, type 26 barrier, per 3.0 m (Metal form, type 26 barrier, per 10 lf)	<b>0350</b>	\$3.24
Metal form, type 27 barrier, per 3.0 m (Metal form, type 27 barrier, per 10 lf)	<b>0360</b>	\$2.80
Metal form, type 50 barrier, per 3.0 m (Metal form, type 50 barrier, per 10 lf)	<b>0370</b>	\$3.03



Metal form, 1.8 m x 3.7 m girder panel, per 0.1 sm ( 6x12 girder panel, per sf)	<b>0380</b>	\$0.28	Wood, 150 mm x455 mm, per 30.5 m (Wood, 6"x18", per 100 lf)	<b>0640</b>	\$1.26
Metal form, all heights paving, per 3.0 m (Metal form, all heights paving, per 10 lf)	<b>0390</b>	\$0.05	Wood, 205 mm x405 mm, per 30.5 m (Wood, 8"x16", per 100 lf)	<b>0645</b>	\$1.53
Scaffolding, 1.5 m section, per section (Scaffolding, 5' section, per section)	<b>0410</b>	\$0.63	Wood, 305 mm x455 mm, per 30.5 m (Wood, 8"x18", per 100 lf)	<b>0650</b>	\$1.74
Scaffolding, 3.0 m section, per section (Scaffolding, 10' section, per section)	<b>0420</b>	\$1.44	Wood, 305 mm x305 mm, per 30.5 m (Wood, 12"x12", per 100 lf)	<b>0655</b>	\$1.49
Scaffolding, 4.6 m section, per section (Scaffolding, 15' section, per section)	<b>0430</b>	\$1.88	Wood form, type 27 barrier, per 2.4 m (Wood form, type 27 barrier, per 8 lf)	<b>0660</b>	\$0.32
Scaffolding, bottom/top section, per 1.5 m section (per 5 ft section)	<b>0440</b>	\$0.89	Wide flange beam, all depths, per 45 kg (Wide flange beam, all depths, per hundred wt.)	<b>0670</b>	\$0.04
Scaffolding, 2.1 m high, rolling (Scaffolding, 7' high, rolling)	<b>0450</b>	\$1.34	<b>TANK [ TANK ]</b>		
Scaffolding, spider staging, plus air compressor	<b>0460</b>	\$27.56	<u>Model</u>	Code	Rate
Shoring, 1.1 m deep x 2235 mm wide, per section (Shoring, 3.5' deep x 88" wide trench, per section)	<b>0510</b>	\$1.43	Tank, metal, 0-2270 liters (0-600 gallons)	<b>0710</b>	\$0.85
Shoring, 1.2 m deep x 3.7 m wide box, per 7.3 m (Shoring, 4' deepx12' wide trench box, per 24')	<b>0515</b>	\$13.67	Tank, metal, 2270-4540 liters (600-1200 gal)	<b>0720</b>	\$1.15
Shoring, 1.5 m deep x 2235 mm wide, per section (Shoring, 5' deep x 88" wide trench, per section)	<b>0520</b>	\$1.50	Tank, metal, 4540-9840 liters (1200-2600 gal)	<b>0730</b>	\$2.85
Shoring, 2.1 m deep x 1397 mm wide, per section (Shoring, 7' deep x 55" wide trench, per section)	<b>0530</b>	\$1.32	Tank, metal, 22 710 liters (6000 gallons)	<b>0740</b>	\$5.74
Shoring, 2.1 m deep x 2235 mm wide, per section (Shoring, 7' deepx88" wide trench, per section)	<b>0540</b>	\$1.58	Tank, metal, 28 390 liters (7500 gallons)	<b>0750</b>	\$7.21
Shoring, 2.4 m deep x 4.6 m wide, per 3.0 m (Shoring, 8' deepx15' wide trench box, per 10')	<b>0550</b>	\$11.36	Tank, metal, 30 280 liters ( 8000 gallons)	<b>0760</b>	\$7.63
Shoring, 2.4 m deep x 2.4 m max width, per 7.3 m(8' deep x 8' max width trench box, per 24' )	<b>0560</b>	\$22.20	Tank, metal, 37 850 liters (10000 gallons)	<b>0770</b>	\$8.46
Shoring, 3.0 m deep x 2.4 m max box, per 4.9 m (Shoring, 10' deepx8' max trench box, per 16')	<b>0570</b>	\$19.95	<b>TRAFFIC SAFETY [ TRAF ]</b>		
Shoring, 3.0 m deep x 2.4 m max box, per 7.3 m (Shoring, 10' deepx8' max trench box, per 24')	<b>0580</b>	\$27.67	<u>Model</u>	Code	Rate
Wood, 50 mm x255 mm, per 30.5 m (Wood, 2"x10", per 100 lf)	<b>0605</b>	\$0.18	Crash cushion barrel, filled, each	<b>0810</b>	\$0.57
Wood, 50 mm x305 mm, per 30.5 m (Wood, 2"x12", per 100 lf)	<b>0610</b>	\$0.23	K-rail, temporary concrete barrier, per 6.1 m (20 lf)	<b>0820</b>	\$0.55
Wood, 100mm x100mm, per 30.5 m (Wood, 4"x4", per 100 lf)	<b>0615</b>	\$0.15	<b>PAVEMENT GRINDERS, DIAMOND [ PGDIA ] BLADES</b>		
Wood, 100 mm x150 mm, per 30.5 m (Wood, 4"x6", per 100 lf)	<b>0620</b>	\$0.22	<b>DELAY FACTOR = 0.16 OVERTIME FACTOR = 0.85</b>		
Wood, 100 mm x205 mm, per 30.5 m (Wood, 4"x8", per 100 lf)	<b>0625</b>	\$0.31	Includes water(but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Replacement blades are included in the rates listed below.		
Wood, 100 mm x305 mm, per 30.5 m (Wood, 4"x12", per 100 lf)	<b>0630</b>	\$0.47	<b>CONCUT [ CCUT ]</b>		
Wood, 150 mm x305 mm, per 30.5 m (Wood, 6"x12", per 100 lf)	<b>0635</b>	\$0.77	<u>Model</u>	Code	Rate
			BC-38 (136 blades)	<b>0500</b>	\$119.38
			BC-244 (187 blades)	<b>0505</b>	\$154.04
			BC-1268 (48 blades)	<b>0510</b>	\$51.11
			<b>CUSHION CUT [ CUCT ]</b>		
			<u>Model</u>	Code	Rate
			HG-130A (127 blades)	<b>0600</b>	\$162.79
			PC-390(171 blades)	<b>0610</b>	\$230.25
			<b>HATCHER [ HACH ]</b>		
			<u>Model</u>	Code	Rate
			G-36 (169 blades)	<b>0700</b>	\$176.76

<b>PENHALL</b>	<b>[ PENH ]</b>		
<u>Model</u>	Code	Rate	
G-38 (172 blades)	<b>0800</b>	\$239.17	

<b>TARGET</b>	<b>[ TARG ]</b>		
<u>Model</u>	Code	Rate	
CG-65 (96 blades)	<b>0900</b>	\$88.19	
PRM-3804 (170 blades)	<b>0905</b>	\$260.75	

<b>PAVEMENT GRINDERS, TUNGSTEN-CARBIDE BITS</b>	<b>[ PGT-C ]</b>
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**DELAY FACTOR = 0.22      OVERTIME FACTOR = 0.81**  
Includes water (but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Replacement bits or tips are included in the rates listed below.

<b>BARBER-GREENE</b>	<b>[ B-G ]</b>		
<u>Model</u>	Code	Rate	
RX-20	<b>0100</b>	\$114.88	
RX-30	<b>0105</b>	\$180.73	
RX-40B	<b>0110</b>	\$199.57	
RX-50	<b>0115</b>	\$235.25	
RX-80B	<b>0120</b>	\$368.52	

<b>CATERPILLAR</b>	<b>[ CAT ]</b>		
<u>Model</u>	Code	Rate	
PM-800	<b>0200</b>	\$303.46	
PR-105	<b>0201</b>	\$62.39	
PR-275	<b>0205</b>	\$162.12	
PR-450	<b>0210</b>	\$219.56	
PR-750	<b>0215</b>	\$292.68	
PR-750B	<b>0216</b>	\$319.70	
PR-1000	<b>0220</b>	\$404.74	

<b>C.M.I.</b>	<b>[ CMI ]</b>		
<u>Model</u>	Code	Rate	
PR-275 RT	<b>0150</b>	\$150.00	
PR-375	<b>0155</b>	\$180.25	
PR-450	<b>0160</b>	\$207.83	
PR-525	<b>0165</b>	\$205.28	
PR-500FL	<b>0170</b>	\$240.84	
PR-750	<b>0175</b>	\$275.06	
PR-1000	<b>0180</b>	\$376.38	

<b>INGERSOLL-RAND</b>	<b>[ I-R ]</b>		
<u>Model</u>	Code	Rate	
MW-175	<b>0280</b>	\$63.29	
MW-250	<b>0285</b>	\$71.34	
MW-250C	<b>0286</b>	\$87.82	
MT-6520 (crawler)	<b>0300</b>	\$192.72	
MW-6520	<b>0305</b>	\$155.08	
MW-6520HC	<b>0310</b>	\$182.52	
MT-7000	<b>0315</b>	\$251.16	

<b>WIRTGEN</b>	<b>[ WIRT ]</b>		
<u>Model</u>	Code	Rate	
300VC	<b>0380</b>	\$27.60	
1000VC	<b>0390</b>	\$107.99	
2000VC	<b>0400</b>	\$219.70	
2100VC	<b>0402</b>	\$277.28	
2200VC	<b>0405</b>	\$346.89	
3500VC	<b>0410</b>	\$359.19	
4200VC	<b>0420</b>	\$377.19	

<b>PUMPS, WATER</b>	<b>[ PUMWA ]</b>
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**DELAY FACTOR = 0.44      OVERTIME FACTOR = 0.59**  
Centrifugal and diaphragm types (including submersibles). Rate includes power (gas, diesel or electric generator), 6.1 meters (20 lineal feet) of suction hose, 15.2 meters (50 lineal feet) of discharge hose, foot valve and all fittings, attachments and accessories.

<b>A PUMP</b>	<b>[ APMP ]</b>		
Listed by Mfr's rated capacity measured in thousands of liters per minute (gallons per hour) at 3.0 meters (10 feet) of suction head.			
<u>OVER</u>	<u>TO</u>	Code	Rate
0	0.6 (10)	<b>000-010</b>	\$1.28
0.6 (10)	1.3 (20)	<b>010-020</b>	\$2.40
1.3 (20)	1.9 (30)	<b>020-030</b>	\$2.99
1.9 (30)	3.2 (50)	<b>030-050</b>	\$5.96
3.2 (50)	7.9 (125)	<b>050-125</b>	\$11.64
7.9 (125)	15.8 (250)	<b>125-250</b>	\$16.89

<b>INLET-SUCTION HOSE</b>	<b>[ INHS ]</b>		
Additional 6.1 meter (20 foot) lengths of suction hose shall be paid based on the inside hose diameter in millimeters (inches).			
<u>OVER</u>	<u>TO</u>	Code	Rate
0	60 (2.5)	<b>0-2.5</b>	\$0.04
60 (2.5)	80 (3)	<b>2.5-3.5</b>	\$0.07
80 (3)	100 (4)	<b>3.5-4</b>	\$0.10
100 (4)	150 (6)	<b>4-6</b>	\$0.18

<b>OUTLET-DISCHARGE HOSE</b>	<b>[ OUHS ]</b>		
Additional 15.3 meter (50 foot) lengths of discharge hose shall be paid based on the inside hose diameter in millimeters (inches).			
<u>OVER</u>	<u>TO</u>	Code	Rate
0	60 (2.5)	<b>0-2.5</b>	\$0.07
60 (2.5)	90 (3.5)	<b>2.5-3.5</b>	\$0.11
90 (3.5)	100 (4)	<b>3.5-4</b>	\$0.13
100 (4)	150 (6)	<b>4-6</b>	\$0.19

<b>ROLLERS, TANDEM STEEL WHEELS</b>	<b>[ ROL-2 ]</b>
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**DELAY FACTOR = 0.27      OVERTIME FACTOR = 0.75**  
Includes all attachments and accessories.

<b>BOMAG</b>	<b>[ BMAG ]</b>		
<u>Model</u>	Code	Rate	
BW-4AS	<b>1150</b>	\$11.98	
BW-6AS	<b>1155</b>	\$13.74	
BW-10AS	<b>1160</b>	\$21.79	

BW-12AS 1165 \$22.63

**DRESSER [ DRES ]**

<u>Model</u>	Code	Rate
S3-5B	2500	\$13.40
S8-12A	2520	\$20.34
S10-14A	2525	\$21.16

**FERGUSON [ FERG ]**

<u>Model</u>	Code	Rate
3-5 ton	4048	\$7.36
3-5A	4048A	\$8.72
4-6A	4142A	\$8.87
5-8 ton	4236	\$17.94
5-8A	4240	\$16.69
8-12 ton	4424	\$16.66
8-12B	4424B	\$19.91
8-12A	4430	\$17.74
10-14 ton	4450	\$17.61
10-14A	4455	\$18.29
10-14B	4455B	\$20.58

**GALION [ GALN ]**

<u>Model</u>	Code	Rate
4-6 ton roll-o-static	4650	\$11.10
S4-6A, S4-6B	4670	\$13.92
5-8 ton roll-o-static	4800	\$13.27
S5-8A	4820	\$17.66
8-10.5 ton roll-o-static	4988	\$13.95
S8-10.5A	5000	\$18.40
8-12 ton roll-o-static	5176	\$14.28
S8-12A	5190	\$19.10

**HYSTER [ HYST ]**

<u>Model</u>	Code	Rate
C 330A 3-5 ton	6520	\$13.67
C 330B 3-5 ton (Hypac)	6520B	\$15.01
C 330A 4-6 ton	6525	\$15.12
C 330B 4-6 ton (Hypac)	6526	\$16.94
C 340A 5-8 ton	6530	\$14.56
C 340A 8-10 ton	6540	\$15.14
C 340B 5-8 ton	6545	\$16.97
C 340C 5-8 ton (Hypac)	6546	\$19.23
C 340B 8-10 ton	6548	\$17.72
C 340C 8-10 ton (Hypac)	6549	\$19.68
C 350B 8-12 ton	6710	\$16.09
C 350B 10-14 ton	6740	\$16.60
C 350C 8-12 ton	6750	\$19.10
C 350C 10-14 ton	6755	\$19.84
C 350D 8-12 ton	6757	\$20.67

**INGRAM [ INGM ]**

<u>Model</u>	Code	Rate
4-6 ton FB	6900	\$11.28
5-6.5 ton FB	6965	\$12.97
8-12 ton HB	7175	\$18.18
10-14 ton HB	7275	\$18.83

**REXNORD [ RXND ]**

<u>Model</u>	Code	Rate
3-5 ton	8566	\$8.75
4-6 ton	8572	\$9.36
5-8 ton	8578	\$17.53
7-10 ton	8584	\$17.73
8-12 ton	8590	\$18.10
10-14 ton	8596	\$18.44

**ROLLERS, RUBBER TIRE, SELF PROPELLED [ ROLRT ]**

**DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.69**  
Includes all attachments and accessories.

**BUFFALO-BOMAG [ B-B ]**

<u>Model</u>	Code	Rate
BW 20R	2624	\$13.83

**CATERPILLAR [ CAT ]**

<u>Model</u>	Code	Rate
PS 110	3460	\$21.56
PS 130	3465	\$21.02
PS 180	3470	\$23.10

**DYNAPAC [ DYPC ]**

<u>Model</u>	Code	Rate
CP 15	3500	\$21.34
CP 21	3510	\$31.44
CP 27	3520	\$38.70

**GALION [ GALN ]**

<u>Model</u>	Code	Rate
3500	4310	\$15.64
P 3000	4315	\$18.02
P 3500A	4320	\$18.71

**HYSTER [ HYST ]**

<u>Model</u>	Code	Rate
C 530A	5401	\$21.21
C 550A	5494	\$22.23

**ROLLER-TAMPING, SEGMENTED, [ ROTAM]  
SHEEPSFOOT, SELF PROPELLED**

**DELAY FACTOR = 0.24 OVERTIME FACTOR = 0.80**

Includes all attachments and accessories.

**BUFFALO-BOMAG [ B-B ]**

<u>Model</u>	Code	Rate
K 300	<b>1630</b>	\$29.70
K 301	<b>1635</b>	\$40.26
K 401	<b>1638</b>	\$55.17

**CATERPILLAR [ CAT ]**

<u>Model</u>	Code	Rate
815	<b>2300</b>	\$44.79
815B	<b>2310</b>	\$74.65
825B	<b>2500</b>	\$70.02
825C	<b>2510</b>	\$111.60
835	<b>2700</b>	\$82.24

**RAYGO [ RAGO ]**

<u>Model</u>	Code	Rate
30	<b>6490</b>	\$31.76
45	<b>6500</b>	\$52.08
RAM PAK 45	<b>6505</b>	\$57.95

**REXNORD [ RXND ]**

<u>Model</u>	Code	Rate
3-30	<b>7120</b>	\$40.07
3-35 PACTOR	<b>7127</b>	\$58.08
3-45 PACTOR	<b>7130</b>	\$76.12
3-50, 3-50A PACTOR	<b>7140</b>	\$71.21
3-55, 3-55B PACTOR	<b>7150</b>	\$92.91

**ROLLERS-TAMPING, SEGMENTED, [ ROTAT]  
SHEEPSFOOT, TOWED**

**DELAY FACTOR = 0.49 OVERTIME FACTOR = 0.56**

Includes all attachments and accessories. Listed by drum dimensions in millimeters (feet) in either direction. The first digit is the diameter and the second digit is the length of each drum.

**SINGLE DRUM UNIT [ ADRU ]**

<u>Model</u>	Code	Rate
1220 mm x1220 mm (4'X4') & under	<b>4X4</b>	\$1.26
over 1220 mm (4') - not over 1520 mm (5')	<b>4X5</b>	\$1.46
over 1520 mm (5')	<b>5</b>	\$2.18

**DOUBLE DRUM UNIT [ DDRU ]**

<u>Model</u>	Code	Rate
1220 mm x1220 mm (4'X4') & under, each	<b>4X4</b>	\$3.05
over 1220 mm (4') - not over 1520 mm (5'), each	<b>4X5</b>	\$9.45

over 1520 mm (5'), each **5** \$14.43

**ROLLERS, VIBRATORY, SELF [ ROVIB ]  
PROPELLED**

**DELAY FACTOR = 0.34 OVERTIME FACTOR = 0.69**

Includes all attachments and accessories.

**BUFFALO-BOMAG [ B-B ]**

<u>Model</u>	Code	Rate
BW 210	<b>2060</b>	\$26.30
BW 210A	<b>2070</b>	\$28.39
BW 213	<b>2080</b>	\$27.46
BW 214	<b>2090</b>	\$29.26

**BOMAG [ BMAG ]**

<u>Model</u>	Code	Rate
BW 35	<b>0700</b>	\$4.34
BW 60, 60S	<b>0800</b>	\$5.78
BW 65, 65S	<b>0900</b>	\$4.78
BW 75, 75S	<b>1000</b>	\$6.57
BW 90	<b>1300</b>	\$7.48
BW 120AD	<b>1350</b>	\$17.31
BW 142PD	<b>1359</b>	\$24.75
BW 151AD	<b>1365</b>	\$36.80
BW 170AD, D	<b>1380</b>	\$28.63
BW 172AD, D	<b>1385</b>	\$31.30
BW 202AD	<b>1400</b>	\$44.66

**BROS [ BROS ]**

<u>Model</u>	Code	Rate
VM 255	<b>2023</b>	\$30.55
VM 268, VM 268H	<b>2024</b>	\$38.09
VM 278	<b>2025</b>	\$50.39

**CASE [ CASE ]**

<u>Model</u>	Code	Rate
50B	<b>2228</b>	\$3.93
W 251	<b>2400</b>	\$12.96
252, W 252	<b>2405</b>	\$14.42
752, W 752	<b>2450</b>	\$32.14
1102, W 1102	<b>2500</b>	\$37.69
1102D, W 1102D	<b>2505</b>	\$41.71
602D	<b>2510</b>	\$26.59
752B	<b>2520</b>	\$35.63

**CATERPILLAR [ CAT ]**

<u>Model</u>	Code	Rate
CB 214	<b>8025</b>	\$14.18
CB 214B	<b>8026</b>	\$15.52
CB 224	<b>8030</b>	\$15.36
CB 224B	<b>8031</b>	\$17.52
CB 314	<b>8035</b>	\$29.77
CP 323 padfoot drum	<b>8040</b>	\$30.61

CS 323 smooth drum	<b>8042</b>	\$28.14
CB 414	<b>8045</b>	\$31.91
CS 431	<b>8050</b>	\$27.88
CS 431B	<b>8051</b>	\$35.02
CP 433 padfoot drum	<b>8055</b>	\$34.75
CP 433B padfoot drum	<b>8056</b>	\$41.49
CS 433 smooth drum	<b>8060</b>	\$31.75
CS 433B smooth drum	<b>8061</b>	\$38.47
CB 434	<b>8062</b>	\$36.21
CB 514	<b>8065</b>	\$39.80
CB 534	<b>8067</b>	\$48.12
CS 551	<b>8070</b>	\$46.42
CP 553 padfoot drum	<b>8075</b>	\$51.54
CS 553 smooth drum	<b>8080</b>	\$47.78
CP 563 padfoot drum	<b>8082</b>	\$56.35
CS 563 smooth drum	<b>8083</b>	\$51.40
CB 614	<b>8085</b>	\$57.78

#### DYNAPAC

#### [ DYPC ]

<u>Model</u>	Code	Rate
LR 90	<b>2401</b>	\$7.65
A 36V, A 36D	<b>2405</b>	\$19.89
CA 12	<b>2409A</b>	\$21.91
CA 12D	<b>2409B</b>	\$22.52
CA 12PD	<b>2409E</b>	\$23.03
CA 12PDB strikeoff blade	<b>2409H</b>	\$23.75
CA 15	<b>2410</b>	\$32.67
CA 15A, CA 15D	<b>2420</b>	\$35.39
CA 20D	<b>2422</b>	\$32.50
CA 15PD	<b>2425</b>	\$34.22
CA 25	<b>2430</b>	\$42.83
CA 25S	<b>2440</b>	\$40.28
CA 25A, CA 25D	<b>2450</b>	\$46.04
CA 25PD	<b>2455</b>	\$48.43
CA 25T	<b>2460</b>	\$33.36
CA 30	<b>2462</b>	\$46.62
CA 30D	<b>2464</b>	\$51.42
CA 51S, CA 51D	<b>2466</b>	\$58.47
CA 55D	<b>2468</b>	\$61.53
CC 10, CC 10 series II	<b>2470</b>	\$16.23
CC 10A	<b>2472</b>	\$12.28
CC 12	<b>2472E</b>	\$17.73
CC 14	<b>2473</b>	\$25.50
CC 21	<b>2474</b>	\$30.94
CC 21 II	<b>2474B</b>	\$34.30
CC 211	<b>2474C</b>	\$36.78
CC 42 II Dynatronic	<b>2475</b>	\$46.63
CC 42A	<b>2476</b>	\$45.49
CC 50	<b>2482</b>	\$43.37
CC 50A	<b>2488</b>	\$56.25
CC 50PD	<b>2488E</b>	\$90.78
CC 50S	<b>2489</b>	\$82.06
DD 18	<b>2498</b>	\$5.52
300V	<b>2499E</b>	\$7.30
2100V	<b>2499H</b>	\$7.22

#### ESSICK

#### Model

VR 30RE
VR 42RE
V 30WR, V 30W2-R

#### HYSTER

#### Model

C 612B
C 610A
C 610B
C 615B
C 617B
C 620B
C 625B
C 627B
C 727A
C 748A (Hypac/Hyster)
C 850A
C 850B (Hypac/Hyster)
C 852A
C 852B (Hypac/Hyster)
C 860A
C 860B (Hypac/Hyster)

#### INGERSOLL-RAND

#### Model

DD 23
DA 30
DD 35
DA 40
DA 41
DA 48
DA 50
DD 65
DF 84
DS 84
DD 90
DD 145
SPA 56
SP 48
SP 48DD
SPF 48
SPF 48B
SP 54
SP 54DD
SPA 54
SPF 54
SP 56
SP 56DD
SP 56DH
SPF 56
SPF 56B

#### [ ESIK ]

Code	Rate
<b>2700</b>	\$5.03
<b>2820</b>	\$13.21
<b>2902</b>	\$4.93

#### [ HYST ]

Code	Rate
<b>3450</b>	\$32.87
<b>3500</b>	\$18.41
<b>3540</b>	\$30.98
<b>3562</b>	\$33.24
<b>3563</b>	\$33.74
<b>3566</b>	\$32.59
<b>3570</b>	\$34.42
<b>3572</b>	\$35.10
<b>3572E</b>	\$44.38
<b>3572F</b>	\$18.31
<b>3572J</b>	\$44.70
<b>3572K</b>	\$55.27
<b>3572N</b>	\$50.58
<b>3572P</b>	\$58.71
<b>3572S</b>	\$49.19
<b>3572T</b>	\$57.94

#### [ I-R ]

Code	Rate
<b>3570</b>	\$14.49
<b>3573</b>	\$15.72
<b>3573C</b>	\$17.09
<b>3573E</b>	\$32.04
<b>3573G</b>	\$34.54
<b>3573M</b>	\$42.58
<b>3574</b>	\$45.76
<b>3574A</b>	\$37.76
<b>3574B</b>	\$71.88
<b>3574C</b>	\$68.38
<b>3574D</b>	\$49.08
<b>3574J</b>	\$62.39
<b>3810</b>	\$37.02
<b>3880</b>	\$31.73
<b>3885</b>	\$33.85
<b>3890</b>	\$35.90
<b>3892</b>	\$37.17
<b>4000</b>	\$29.65
<b>4005</b>	\$31.77
<b>4010</b>	\$30.56
<b>4020</b>	\$34.39
<b>4030</b>	\$38.10
<b>4035</b>	\$41.18
<b>4037</b>	\$50.32
<b>4040</b>	\$42.87
<b>4050</b>	\$45.97

SPF 56DH	4080	\$51.89	600A RASCAL	5220	\$41.45
SPF 56DHB	4090	\$55.97	4000 RASCAL	5235	\$41.59
SP 60	4100	\$56.06	4200 RASCAL	5236	\$47.96
SP 84	4105	\$55.96	4404 RUSTLER	5236E	\$16.90
SP 60DD	4110	\$81.43	<b>RAMMAX</b>	[ RAMX ]	
SPF 60	4120	\$87.95	<u>Model</u>	Code	Rate
SPF 60B	4130	\$95.61	P 33/24	4605	\$11.99
SPF 60C	4132	\$81.60	P 33/24 w/ remote	4606	\$11.50
SPF 84	4133	\$57.79	P 51	4625	\$22.67
SPF 84B	4134	\$62.54	S 51	4630	\$20.07
SD 40D	4138	\$29.56	P 47	5290	\$16.05
SD 70	4139	\$35.35	<b>SAKAI</b>	[ SAKI ]	
SD 100	4140	\$47.73	<u>Model</u>	Code	Rate
SD 100D	4140D	\$55.59	SV 70	8025	\$30.83
SD 100F	4140F	\$56.59	SV 70D	8026	\$31.50
SD 150D	4143D	\$70.81	SV 91	8050	\$42.83
<b>KOEHRING-BOMAG</b>	[ KOBO ]		SV 91D	8051	\$45.30
<u>Model</u>	Code	Rate	SV 200D	8060	\$24.06
BW 120AC	4168E	\$17.29	<b>TAMPO</b>	[ TAMP ]	
BW 120AD	4169	\$17.17	<u>Model</u>	Code	Rate
BW 121AD	4193	\$15.18	RP 16D (HD)	5990	\$32.03
BW 130AD	4193E	\$19.20	RP 28D	5995	\$41.60
BW 140AD	4194	\$30.65	RP 48D	6110	\$45.47
BW 141AC	4194B	\$36.23	RP 58D	6115	\$48.50
BW 141AD	4194E	\$29.26	RS 16 (HD)	6170	\$28.95
BW 142D	4194H	\$24.43	RS16A (HD)	6180	\$31.06
BW 172	4212	\$27.31	RS 16D (HD)	6185	\$31.47
BW 172D	4212E	\$30.37	RS 28C	6315	\$37.19
BW 213D	4237	\$45.24	RS 28D	6320	\$38.50
BW 214D	4238	\$56.95	RS 156A	6340	\$34.88
BW 215D	4240	\$52.58	RS 166A	6350	\$43.94
BW 217D	4242	\$67.28	RS 188A	6370	\$52.05
BW 220D	4250	\$46.65	RS 210	6400	\$43.12
<b>MIKASA</b>	[ MIKA ]		<b>WACKER</b>	[ WACK ]	
<u>Model</u>	Code	Rate	<u>Model</u>	Code	Rate
MDR 7DW	4404	\$4.51	R 900	7850	\$9.67
MDR 9G	4405	\$6.54	R 1000	7855	\$15.34
MDR T38S	4407	\$4.66	W 55T	7860	\$6.58
MRV 10GA	4409	\$8.95	W 74L, W 74T	7880	\$6.85
<b>RAYGO</b>	[ RAGO ]		W 74	7890	\$6.56
<u>Model</u>	Code	Rate	W 75	7900	\$5.34
1-36 REBEL	4805	\$6.42	WDH 84	7910	\$9.75
2-36 ROMPER	4810	\$14.02	WDH 86-110	7912	\$13.30
2-66 RANGER	4820	\$46.01	WHK 90, WHK 90L	7915	\$11.36
2-84 RANGER	4830	\$59.09			
220A RASCAL	4840	\$26.74			
320A RASCAL	4876	\$33.72			
320S RASCAL	4890	\$30.81			
400A RASCAL	5010	\$30.90			
404B RUSTLER	5110	\$36.60			
410A RASCAL	5150	\$34.73			

**SHOVELS & CRANES, CRAWLER [ S&CCL ]****DELAY FACTOR = 0.35 OVERTIME FACTOR = 0.70**

Includes all attachments and accessories when used as a crane, clamshell, dragline or for pile driving(not including leads or driving equipment).

**LINK-BELT [ L-B ]**

<u>Model</u>	Code	Rate
LS 78	<b>4702</b>	\$41.77
LS 78 pipeliner	<b>4724</b>	\$46.22
LS 98	<b>4826</b>	\$43.62
LS 98 pipeliner	<b>4852</b>	\$53.02
LS 98A	<b>4924</b>	\$45.62
LS 108B	<b>4980</b>	\$55.31
LS 108D	<b>4981</b>	\$71.40
LS 118	<b>4998</b>	\$75.59
LS218H	<b>5010</b>	\$115.23
LS 318	<b>5012</b>	\$76.31
LS 338	<b>5020</b>	\$88.35
LS 518	<b>5124</b>	\$130.03

**MANITOWOC [ MTWC ]**

<u>Model</u>	Code	Rate
2900 WC	<b>5764</b>	\$56.78
3000 W	<b>5812</b>	\$54.41
3900B (100 ton)	<b>6036</b>	\$103.54
3900 W VICON series 2	<b>6132</b>	\$132.65
4000 W VICON	<b>6180</b>	\$141.10
4100 W VICON series 1	<b>6196</b>	\$172.08
4600 VICON series 1	<b>6328</b>	\$228.17
4600 VICON series 3	<b>6332</b>	\$297.26

**P&H [ P&H ]**

<u>Model</u>	Code	Rate
535	<b>7716</b>	\$56.27
550	<b>7748</b>	\$62.61
670 WLC	<b>7892</b>	\$65.70

**SHOVELS & CRANES, TRUCK MOUNTED [ S&CTK ]****DELAY FACTOR = 0.37 OVERTIME FACTOR = 0.67**

Includes truck/carrier. Includes all attachments and accessories when used as a crane, clamshell, dragline or for pile driving(leads and driving equipment not included).

**AMERICAN HOIST & DERRICK [ AMHD ]**

<u>Model</u>	Code	Rate
5470	<b>1015</b>	\$77.97
5530	<b>1080</b>	\$100.38
7450	<b>1130</b>	\$52.48
7460	<b>1140</b>	\$99.61
7530	<b>1170</b>	\$107.41
8460	<b>1178</b>	\$148.61

8470 **1179** \$166.04**LINK-BELT [ L-B ]**

<u>Model</u>	Code	Rate
HC 48A	<b>4332</b>	\$33.85
HC 108C	<b>4970</b>	\$81.94
HC 138	<b>4992</b>	\$53.95
HC 138A	<b>4995</b>	\$87.70
HC 218	<b>5050</b>	\$62.44
HC 218A	<b>5051</b>	\$126.22
HC 228H	<b>5054</b>	\$161.96
HC 238A, 238B	<b>5065</b>	\$137.08

**P&H [ P&H ]**

<u>Model</u>	Code	Rate
440 TC	<b>7240</b>	\$44.84
650A TC	<b>7720</b>	\$64.42
670 TC	<b>7790</b>	\$68.24
790 TC	<b>7880</b>	\$69.84
8115A TC	<b>7950</b>	\$95.72

**SANBLASTING EQUIPMENT [ SANBL ]****DELAY FACTOR = 0.55 OVERTIME FACTOR = 0.48**

Includes helmets, gauntlets, 30.5 meters(100 feet) of hose, pot, all control valves, nozzles and other attachments and accessories. Rated in accordance with the capacity of the pot measured in kilograms(pounds)of sand.

**REMOTE CONTROL ONLY [ REMC ]**

<u>OVER</u>	<u>TO</u>	Code	Rate
45 (100)	159 (350)	<b>010-035</b>	\$1.13
159 (350)	272 (600)	<b>035-060</b>	\$1.49
272 (600)	454 (1000)	<b>060-100</b>	\$1.51
454 (1000)	680 (1500)	<b>100-150</b>	\$1.90
680 (1500)	907 (2000)	<b>150-200</b>	\$2.12

**SAWS, CHAIN AND EARTH AUGER ATTACHMENT [ SAWCH ]****DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.75**

Hand held type, one or two man, gas, air or electric powered including all attachments and accessories. Blades, chains and tips shall be paid separately. Saws which cost less than \$500 are considered minor tools and are no longer listed. Rated in accordance with Mfr's kilowatts (horsepower).

**SAWS [ SAW ]**

<u>Model</u>	Code	Rate
>3.7 (5) 30 amps @ 120V	<b>5-HP</b>	\$0.92

## SAWS, CONCRETE AND MASONRY [ SAWCO ]

**DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.75**

Self powered gas, air or electric powered. Includes water ( but not water truck or trailer), coolant, cutting compounds and all attachments and accessories. Saw blades or abrasive discs shall be paid in accordance with the following sawkerf codes.

### SINGLE & MULTI-BLADE OPERATION [ ABOP ]

Listed in accordance with Mfr's rated kilowatts (horsepower).

OVER	TO	Code	Rate
0	7.5 (10)	<b>0-10</b>	\$1.43
7.5 (10)	14.9 (20)	<b>10-20</b>	\$2.74
14.9 (20)	24.6 (33)	<b>20-33</b>	\$5.23
24.6 (33)	33.6 (45)	<b>33-45</b>	\$6.25
33.6 (45)	48.5 (65)	<b>45-65</b>	\$8.09

### BLADE SAWKERF [ ABSK ]

The following allowance is entered on the extra work bill by using the length x depth per blade.

UNITS	Code	Rate
Rate /blade/ 30.5 m (100 lin ft) / 25 mm (inch) depth	<b>100'/IN</b>	\$17.00
Rate/blade/ 0.3 m (lin ft) / 25 mm (inch) depth	<b>LF-INDE</b>	\$0.17

## SCRAPERS, SELF PROPELLED [ SCRSP ]

**DELAY FACTOR = 0.32 OVERTIME FACTOR = 0.70**

Includes all attachments and accessories.

### CATERPILLAR [ CAT ]

Model	Code	Rate
613	<b>1395</b>	\$26.97
613B	<b>1400</b>	\$32.88
613C	<b>1402</b>	\$49.11
615	<b>1415</b>	\$65.41
615C	<b>1416</b>	\$73.59
621B cushion hitch	<b>1680</b>	\$79.28
623B	<b>1700</b>	\$85.03
623E	<b>1702</b>	\$106.64
627B push pull	<b>1770</b>	\$100.91
627E non push-pull	<b>1772</b>	\$115.14
627E push-pull	<b>1773</b>	\$120.01
631C 67M5012 serial	<b>2170</b>	\$77.80
631D	<b>2180</b>	\$117.35
631E	<b>2185</b>	\$140.60
633C non cushion hitch	<b>2305</b>	\$69.95
633C cushion hitch	<b>2315</b>	\$69.91
633C 66M693 serial	<b>2320</b>	\$83.46
633D	<b>2330</b>	\$127.89
637 cushion, non-push-pull	<b>2375</b>	\$106.32
637 non-cushion, push-pull	<b>2410</b>	\$108.67
637D non push-pull	<b>2460</b>	\$156.69
637D push-pull	<b>2470</b>	\$160.87

639D	<b>2475</b>	\$171.16
637E	<b>2476</b>	\$189.35
637E push-pull	<b>2477</b>	\$194.63
641B non cushion hitch	<b>2620</b>	\$86.56
641B cushion hitch	<b>2655</b>	\$133.32
651B non cushion hitch	<b>2935</b>	\$122.76
651B cushion hitch	<b>2970</b>	\$145.85
651E	<b>2975</b>	\$182.67
657B non cushion hitch	<b>3250</b>	\$129.22
657B non cushion, push-pull	<b>3320</b>	\$130.96
657B non cushion, non p-p	<b>3360</b>	\$175.44
657B cushion, push-pull	<b>3370</b>	\$181.04
657E non push-pull	<b>3375</b>	\$251.59
657E push-pull	<b>3380</b>	\$261.75
660B	<b>3470</b>	\$115.57
666B	<b>3600</b>	\$161.44

### JOHN DEERE

### [ DEER ]

Model	Code	Rate
JD 760A	<b>3845</b>	\$25.85
JD 762	<b>3860</b>	\$36.40
JD 762A	<b>3865</b>	\$40.85
JD 762B	<b>3866</b>	\$47.78
JD 860A	<b>3920</b>	\$40.65
JD 860B	<b>3930</b>	\$43.26
JD 862	<b>3940</b>	\$56.72

### INTERNATIONAL

### [ INTL ]

Model	Code	Rate
412B	<b>5631</b>	\$39.65
431B	<b>5637</b>	\$77.83
433B	<b>5643</b>	\$102.64

### TEREX

### [ TERX ]

Model	Code	Rate
S 23E 33TOT-H-93SH, elev	<b>8250</b>	\$76.93
S 24 49LOT-76SH serial	<b>8260</b>	\$88.90
S 24B 023-024 serial	<b>8270</b>	\$121.13
S 24C	<b>8275</b>	\$139.47

### WABCO

### [ WAB ]

Model	Code	Rate
101F	<b>8570</b>	\$28.75
101G	<b>8575</b>	\$35.20
111A	<b>8640</b>	\$30.30
222G	<b>8700</b>	\$60.79
222H	<b>8704</b>	\$74.71



**TRACTORS, CRAWLER**

[ TRACC ]

**DELAY FACTOR = 0.35      OVERTIME FACTOR = 0.68**

Includes all attachments and accessories such as dozer blade and power control blocks when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.

<b>CASE</b>	<b>[ CASE ]</b>	
<u>Model</u>	Code	Rate
350	<b>1820</b>	\$10.77
350B	<b>1825</b>	\$12.28
450	<b>1868</b>	\$10.94
450B	<b>1869</b>	\$12.45
450C	<b>1869E</b>	\$15.58
475	<b>1870</b>	\$20.11
550	<b>2000</b>	\$16.00
650	<b>2100</b>	\$18.57
850	<b>2128</b>	\$14.28
850B	<b>2130</b>	\$16.60
850C	<b>2135</b>	\$19.65
850D	<b>2140</b>	\$20.96
1150B	<b>2250</b>	\$21.88
1150C	<b>2255</b>	\$24.48
1150D	<b>2257</b>	\$28.74
1150E	<b>2258</b>	\$30.04

<b>CATERPILLAR</b>	<b>[ CAT ]</b>	
<u>Model</u>	Code	Rate
D-3	<b>2340</b>	\$12.53
D-3B	<b>2345</b>	\$15.31
D-3 LGP	<b>2350</b>	\$13.00
D-3B LGP	<b>2355</b>	\$16.64
D-3B SA	<b>2370</b>	\$16.21
D-3C	<b>2380</b>	\$17.12
D-4D	<b>2655</b>	\$14.57
D-4E direct drive	<b>2660</b>	\$16.29
D-4E power shift	<b>2665</b>	\$18.71
D-4H	<b>2670</b>	\$23.49
D-4H LGP	<b>2675</b>	\$25.10
D-4H Series II	<b>2680</b>	\$23.89
D-4E SA	<b>2772</b>	\$18.75
D-4E LGP power shift	<b>2780</b>	\$18.99
D-4E LGP direct drive	<b>2782</b>	\$18.92
D-5	<b>3194</b>	\$21.94
D-5B power shift	<b>3206</b>	\$26.55
D-5B SA	<b>3325</b>	\$26.62
D-5B LGP	<b>3345</b>	\$29.15
D-5H	<b>3347</b>	\$33.39
D-5H Series II	<b>3348</b>	\$36.98
D-5H LGP	<b>3350</b>	\$36.59
D-6C direct drive	<b>3645</b>	\$27.52
D-6C power shift	<b>3688</b>	\$26.25
D-6C LGP	<b>3710</b>	\$31.35
D-6D	<b>3720</b>	\$37.71

D-6D SA	<b>3725</b>	\$37.71
D-6D LGP	<b>3730</b>	\$40.79
D-6H	<b>3732</b>	\$43.82
D-6H Series II	<b>3733</b>	\$46.33
D-6H LGP	<b>3735</b>	\$48.64
D-7G	<b>4180</b>	\$60.52
D-7G LGP	<b>4200</b>	\$60.09
D-7G SA	<b>4210</b>	\$55.51
D-7H	<b>4215</b>	\$63.73
D-7H Series II	<b>4216</b>	\$69.82
D-7H LGP	<b>4220</b>	\$70.59
D-8K	<b>4858</b>	\$66.69
D-8L	<b>4862</b>	\$94.83
D-8L SA	<b>4863</b>	\$91.91
D-8N	<b>4864</b>	\$86.38
D-9H	<b>5160</b>	\$91.86
D-9L	<b>5165</b>	\$123.41
D-9N	<b>5170</b>	\$113.76
D-10 (straight)	<b>5220</b>	\$191.01
D-10N	<b>5225</b>	\$155.65
D-11N	<b>5230</b>	\$252.18

**JOHN DEERE**

[ DEER ]

<u>Model</u>	Code	Rate
JD 350C	<b>5360</b>	\$13.26
JD 350D	<b>5365</b>	\$14.32
JD 400G	<b>5405</b>	\$14.36
JD 450C	<b>5474</b>	\$15.34
JD 450D	<b>5476</b>	\$16.09
JD 450E	<b>5478</b>	\$15.64
JD 450G	<b>5479</b>	\$16.56
JD 550	<b>5480</b>	\$17.79
JD 550A	<b>5481</b>	\$19.29
JD 550B	<b>5483</b>	\$17.96
JD 550G	<b>5484</b>	\$19.43
JD 650G	<b>5484A</b>	\$21.82
JD 750	<b>5485</b>	\$28.73
JD 750B	<b>5486</b>	\$30.54
JD 750 LGP	<b>5487</b>	\$31.85
JD 750B LGP	<b>5488</b>	\$30.94
JD 850	<b>5490</b>	\$37.18
JD 850B	<b>5491</b>	\$42.20
JD 850 LGP	<b>5492</b>	\$42.21
JD 850B LGP	<b>5495</b>	\$45.25

**DRESSER**

[ DRES ]

<u>Model</u>	Code	Rate
TD 7E	<b>9100</b>	\$16.41
TD 7G	<b>9102</b>	\$18.23
TD 8E	<b>9105</b>	\$20.46
TD 8G	<b>9107</b>	\$22.51
TD 12	<b>9110</b>	\$30.62
TD 12 LGP	<b>9115</b>	\$33.72
TD 15C	<b>9120</b>	\$41.17

TD 15E	<b>9122</b>	\$46.50
TD 15C LGP	<b>9125</b>	\$44.83
TD 20E	<b>9130</b>	\$56.36
TD 20G	<b>9135</b>	\$65.77
TD 20G LGP	<b>9137</b>	\$75.53
TD 25E	<b>9139</b>	\$76.51
TD 25G	<b>9140</b>	\$91.84

#### FIAT-ALLIS

[ F-A ]

<u>Model</u>	Code	Rate
10C	<b>6043</b>	\$33.82
10C LGP	<b>6044</b>	\$34.49
14C	<b>6048</b>	\$41.91
FD 20	<b>6056</b>	\$68.44
21C	<b>6060</b>	\$63.79
FD 30	<b>6060E</b>	\$81.48
31	<b>6061</b>	\$104.46
FD 40	<b>6061E</b>	\$129.25

#### KOMATSU

[ KOMA ]

<u>Model</u>	Code	Rate
D 21P-6	<b>7965</b>	\$15.57
D 31A-16	<b>7970</b>	\$14.01
D 31A-17	<b>7972</b>	\$16.49
D 31E-17	<b>7976</b>	\$16.75
D 31E-18	<b>7977</b>	\$18.59
D 31P-16	<b>7980</b>	\$14.42
D 31P-17	<b>7981</b>	\$17.27
D 31P-17B	<b>7981E</b>	\$17.85
D 58E-1	<b>8003</b>	\$33.97
D 58P-1	<b>8003H</b>	\$36.20
D 65E-6	<b>8070</b>	\$38.23
D 65E-7, E-8	<b>8072</b>	\$45.37
D 65P-6	<b>8080</b>	\$41.12
D 65P-7 / D 65P-8	<b>8082</b>	\$49.05
D 68P-1	<b>8083</b>	\$52.90
D 68E-1	<b>8085</b>	\$47.64
D 83E-1	<b>8087</b>	\$65.29
D 83P-1	<b>8088</b>	\$66.12
D 85P-18	<b>8090</b>	\$70.52
D 85A-18	<b>8114</b>	\$52.29
D 85E-12	<b>8120</b>	\$43.34
D 85E-18	<b>8140</b>	\$63.09
D 135A-1	<b>8150</b>	\$81.43
D 155A-1	<b>8160</b>	\$96.57
D 155A-2	<b>8161</b>	\$90.09
D 375A-1	<b>8175</b>	\$153.50
D 375A-2	<b>8176</b>	\$183.61
D 455A-1	<b>8180</b>	\$189.17
D 475A-2	<b>8186</b>	\$282.48

#### TRACTORS, HEAVY

[ TRACH ]

**DELAY FACTOR = 0.33 OVERTIME FACTOR = 0.70**

Includes all attachments and accessories such as dozer blade, power control units and push blocks, when needed, but does not include backhoe, winch or ripper units listed elsewhere in this schedule.

#### CATERPILLAR

[ CAT ]

<u>Model</u>	Code	Rate
814	<b>1400</b>	\$52.96
814B	<b>1410</b>	\$87.68
824B	<b>1720</b>	\$76.21
824C	<b>1730</b>	\$109.49
834B	<b>2010</b>	\$165.70

#### TRACTORS, RUBBER TIRE, INDUSTRIAL, [ TRACS ] FARM & SKID STEER

**DELAY FACTOR = 0.25 OVERTIME FACTOR = 0.77**

#### 37.3 kW (50 HP) OR LESS

[ <50 ]

Including, but not limited to the following:

Bobcat--440B, 443B, 450, 453, 542B, 543B, 553, 742B, 743B, 753, 763, 773, 1840, 7753

Case-- 1818, 1825, 1835C, 1838

Deere-- 3375, 4475, 5200, 5575, 6675, 7775

Ford-- L250, L454, L455, L553, L555, L781

Gehl-- SL3310, SL3410, SL3725, SL3825, SL4525, SL4625

Hydra-Mac-- 1300, 1600, 1700D

JCB-- 165Robot, 165Robot Ser II

Massey-Ferguson-- MF30E

Mahto-- LS70, LS75, L933

Mustang-- 920, 920E, 921, 930A, 930AE, 940, 940E, 910, 911, 2040

New Holland-- 1220, 1320, 1620, 1920, 2120, 3415, 3930, L250, L255, L465,

LX465, LX485, L565, LX565, LX665

Ramrod-- 230B, 300B, 584B, 784B, 550, 750, 1350, 1550

Thomas-- T-82, T-83, T-83S, T-103, T-132, T-133, T-133S

Trak-- 1300HD, 1300C, 1300CX, 1500C

<u>Model</u>	Code	Rate
with loader or dozer	<b>A</b>	\$8.91
auger, w/ or w/o loader or dozer	<b>B</b>	\$9.21
backhoe, w/ or w/o loader or dozer	<b>C</b>	\$10.32

#### OVER 37.3 kW (50 HP)

[ >50 ]

Including, but not limited to the following:

Bobcat-- 853, 863, 873, 943, 953, 980

Case-- 1845C

Deere-- 5300, 5400, 6200, 6300, 6400, 8875

Ford-- L783, L785, 250C, 260C

Gehl-- SL5625, SL6625, SL6635

Hydra-Mac-- 1850, 2650, 2650D

JCB-- 185Robot

Massey-Ferguson-- MF40E, MF50EX

Mustang-- 960, 2060

New Holland-- 4630, 5030, 5640, 6640, 7740, 7840, 8240, 8340, L865,

LX865, LX885, 345D, 545D

Ramrod-- 1750, 1950

Thomas-- T-173HL, T-173HLS, T173HLS II, T-203HD, T-233HD

Trak-- 1700HD, 1700C, 1700CX, 1700XHP

<u>Model</u>	Code	Rate
with loader or dozer	<b>A</b>	\$13.09
auger, w/ or w/o loader or dozer	<b>B</b>	\$13.44
backhoe, w/ or w/o loader or dozer	<b>C</b>	\$14.59

**TRAFFIC CONTROL & SAFETY DEVICES [ TRAF A ]  
(HOURLY RATES)**

**DELAY FACTOR = 0.49 OVERTIME FACTOR = 0.55**

**CHANGEABLE MESSAGE SIGN [ CMSN ]**

<u>Model</u>	Code	Rate
Generator	GEN1	\$16.84
Generator w/ cell remote	GEN2	\$18.74
Solar	SOL1	\$14.67
Solar w/ cell remote	SOL2	\$16.57

**FLASHING ARROW SIGN [ FLAS ]**

Including supplies, replacements and servicing.

<u>Model</u>	Code	Rate
Roof mounted	RM	\$1.76
Trailer mounted	TM	\$2.86

**TRAFFIC CONTROL & SAFETY DEVICES [ TRAF C ]  
(DAILY RATES)**

**DELAY FACTOR = 0.73 OVERTIME FACTOR = 1.00**

Includes supplies and servicing. The following allowance is entered on the extra work by using days instead of hours worked. Crash cushion barrels and K-rail sections are now listed with Non-Operated items[NONOP].

**(1) BARRICADES [ 1BAR ]**

(A) 750 mm to 900 mm high & 600 mm to 900 mm wide (30 to 36 inches high & 24 to 36 inches wide)  
(B) 1500 mm high by 1200 mm wide min. (60" high by 48" wide min.)

<u>Model</u>	Code	Rate
each with flasher	A1	\$0.34
each without flasher	A2	\$0.17
each	B3	\$0.75

**(2) TRAFFIC CONES [ 2TC ]**

Lost or destroyed are no longer paid on invoice.

<u>Model</u>	Code	Rate
450 mm (18") high, per 100	A100	\$5.90
700 mm (28") high, per 100	B100	\$10.30
700 mm (28") high w/ refl sleeve, per 100	D100	\$15.82
1 050 mm (42") high w/ refl sleeve, per 100	E100	\$26.66

**(3) PORTABLE DELINEATOR [ 3DEL ]**

Lost or destroyed are no longer paid on invoice.

<u>Model</u>	Code	Rate
per 100	100	\$17.09

**(4) ILLUMINATED SIGNS [ 4SIG ]**

<u>Model</u>	Code	Rate
incl 900 mm x900 mm (3'x3') sign & batteries	12V	\$4.05

**(5) FLASHING BEACON [ 5BEA ]**

<u>Model</u>	Code	Rate
portable 12 volt	12V	\$4.14

**(6) FLAG/SIGN STAND [ 6FSS ]**

<u>Model</u>	Code	Rate
incl sign, stand & 3 flags	EACH	\$1.87

**(7) DELINEATOR DRUM [ 7DDR ]**

<u>Model</u>	Code	Rate
Del. drum w/ base per 100	100	\$41.49

**TRAILERS, EQUIPMENT, LOW BED [ TRAIL ]**

**DELAY FACTOR = 0.47 OVERTIME FACTOR = 0.57**

Includes all attachments and accessories related to hauling. The rates cover drop deck type with and without folding/removable gooseneck or oscillating trunion. Pilot vehicles are extra. Listed in accordance with number of axles and tires per axle. Includes jeeps, booster axles, and dollies. All loads shall be hauled legally or within Caltrans Permit Policy.

**LOW BED A [ LB-A ]**

2 axle

<u>Model</u>	Code	Rate
4 Tires per axle	100	\$10.74
8 Tires per axle	200	\$13.54

**LOW BED B [ LB-B ]**

3 axle

<u>Model</u>	Code	Rate
4 Tires per axle	300	\$14.38
8 Tires per axle	400	\$16.66

**LOW BED C [ LB-C ]**

4 axle

<u>Model</u>	Code	Rate
4 Tires per axle	500	\$23.16
8 Tires per axle	600	\$28.76

**LOW BED D [ LB-D ]**

6 axle

<u>Model</u>	Code	Rate
8 Tires per axle	700	\$46.01

**TRAILERS, EQUIPMENT, TILT BED [ TRAIT ]**

**DELAY FACTOR = 0.47 OVERTIME FACTOR = 0.57**

Includes all attachments and accessories related to hauling. Pilot vehicles are extra. Listed in accordance with the Mfr's rated capacity in tonnes(tons).

**TILT BED 1 AXLE [ TB-1 ]**

OVER	TO	Code	Rate
0	1.8 (2)	00-02	\$0.58
1.8 (2)	3.6 (4)	02-04	\$0.62

**TILT BED 2 AXLES [ TB-2 ]**

OVER	TO	Code	Rate
3.6 (4)	5.4 (6)	04-06	\$1.02
5.4 (6)	7.3 (8)	06-08	\$1.16
7.3 (8)	9.1 (10)	08-10	\$3.16
9.1 (10)	10.9 (12)	10-12	\$3.65

10.9 (12)	12.7 (14)	<b>12-14</b>	\$4.10
12.7 (14)	14.5 (16)	<b>14-16</b>	\$4.56
14.5 (16)	16.3 (18)	<b>16-18</b>	\$4.41
16.3 (18)	18.1 (20)	<b>18-20</b>	\$4.26
18.1 (20)	20.0 (22)	<b>20-22</b>	\$4.88
20.0 (22)	22.7 (25)	<b>22-25</b>	\$4.75

## TRENCHING MACHINES

[ TRENC ]

**DELAY FACTOR = 0.26 OVERTIME FACTOR = 0.77**

Includes all attachments and accessories. When used, tungsten carbide tips shall be replaced by separate invoice.

### BOBCAT

[ BCAT ]

<u>Model</u>	Code	Rate
T 116	<b>2000</b>	\$5.05
T 135	<b>2010</b>	\$12.42
T 136	<b>2020</b>	\$12.79
T 208	<b>2030</b>	\$2.79
3022	<b>2040</b>	\$12.95

### CASE

[ CASE ]

<u>Model</u>	Code	Rate
TL 70	<b>9051</b>	\$1.99
TL 100	<b>9053</b>	\$2.91
TL 120	<b>9055</b>	\$3.55
TL 200	<b>9070</b>	\$3.71
16+4	<b>9120</b>	\$6.13
25+4	<b>9170</b>	\$8.55
25 + 4 XP	<b>9171</b>	\$10.85
30+4 standard	<b>9224</b>	\$12.69
DH 4	<b>9255</b>	\$15.68
DH 4B	<b>9256</b>	\$17.49
DH 5	<b>9257</b>	\$17.93
DH 5 QUAD	<b>9259</b>	\$20.36
DH 7	<b>9261</b>	\$20.92
360	<b>9263</b>	\$12.45
ROAD RUNNER 380	<b>9277</b>	\$15.93
TF 300	<b>9374</b>	\$9.10
TF 700	<b>9398</b>	\$10.08
TF 800	<b>9405</b>	\$13.14
TF 1000	<b>9460</b>	\$18.67
760	<b>9465</b>	\$20.66

### DITCH WITCH

[ D-W ]

<u>Model</u>	Code	Rate
R 30	<b>5390</b>	\$10.26
R 36D	<b>5400</b>	\$11.68
R 40	<b>5432</b>	\$14.34
R 65	<b>5556</b>	\$14.24
R 100	<b>5565</b>	\$34.53
V 30	<b>5618</b>	\$9.05
1410	<b>5620</b>	\$3.89
1420	<b>5625</b>	\$4.59

1500	<b>5630</b>	\$2.84
1620	<b>5635</b>	\$5.82
1810	<b>5640</b>	\$6.19
2020	<b>5645</b>	\$8.93
2200	<b>5650</b>	\$7.85
2300	<b>5660</b>	\$11.10
2310	<b>5662</b>	\$11.31
3210	<b>5670</b>	\$13.68
3210 Combo	<b>5675</b>	\$14.89
4010	<b>5677</b>	\$18.81
4010 Combo	<b>5678</b>	\$17.71
5010	<b>5679</b>	\$16.67
6510	<b>5680</b>	\$20.61
6510 Combo	<b>5685</b>	\$23.68

### MIDMARK

[ MDMK ]

<u>Model</u>	Code	Rate
300 A	<b>7945</b>	\$10.11
321	<b>7950</b>	\$11.44
400 A	<b>7955</b>	\$13.45
440	<b>7960</b>	\$18.48

### VERMEER

[ VERM ]

<u>Model</u>	Code	Rate
M 220	<b>8380</b>	\$6.43
M 455 / M455A	<b>8480</b>	\$22.54
M 475	<b>8570</b>	\$23.24
M 475A	<b>8571</b>	\$25.57
M 485	<b>8580</b>	\$29.76
M 495	<b>8585</b>	\$41.73
T 300B, T 300A	<b>8718</b>	\$10.91
T 400C, T 400B, T 400A	<b>8781</b>	\$31.52
T 600D, C, B, A	<b>8842</b>	\$47.49
T 650	<b>8843</b>	\$84.70
T 800B, T 800A, T800	<b>8870</b>	\$76.20
T 800C	<b>8871</b>	\$84.09
T 850	<b>8875</b>	\$142.99
V 430	<b>8950</b>	\$13.69
V 430A	<b>8951</b>	\$15.66
V 434 / M 434	<b>9000</b>	\$12.44
V 440	<b>9015</b>	\$18.45
V 450	<b>9017</b>	\$22.11
V 454	<b>9020</b>	\$17.39
V 1550	<b>9025</b>	\$6.35

**TRUCK, TRUCK TRAILERS, EXCL. DUMP [ TRUCK ]  
TRUCKS & EQPT TRAIL**

**DELAY FACTOR = 0.27 OVERTIME FACTOR = 0.75**

Includes all attachments and accessories related to hauling, with and without trailers as needed. Includes water trucks, freight trucks and passenger vehicles, including 4wd option. Listed by Mfr's Gross Vehicle Weight in Kilograms(pounds). For tractor-trailer units, the gross vehicle weight of the cargo carrying unit or units will control. In the case of water trucks, the tank capacity expressed in kilograms (pounds) of water plus 20%, will determine the gross vehicle weight. For attachment allowance, see attachment class.

**TRUCKS [ T&TT ]**

<u>OVER</u>	<u>TO</u>	Code	Rate
Cars, trucks 680 kg (3/4 T) & lighter		<b>00-06</b>	\$7.69
2727 (6000) 5443 (12000) No small pickups		<b>06-12</b>	\$9.38
5443 (12000) 9072 (20000)		<b>12-20</b>	\$11.73
9072 (20000) 12701(28000)		<b>20-28</b>	\$13.63
12701 (28000) 16330 (36000)		<b>28-36</b>	\$17.05
16330 (36000) 21773 (48000)		<b>36-48</b>	\$22.38
21773 (48000) 27216 (60000)		<b>48-60</b>	\$29.18
27216(60000) & Over		<b>60</b>	\$35.20

**TRUCKS, OFF-HIGHWAY [ TRUOF ]**

**DELAY FACTOR = 0.39 OVERTIME FACTOR = 0.63**

Includes all attachments and accessories. Includes end dump, belly dump and earthmover types. Listed in accordance with Mfr's rated capacity in tonnes (tons). In the case of earthmover types, rated by Mfr's volumetric capacity, a factor of 1.4 tonnes per cubic meter (1-1/2 tons per cubic yard) of struck capacity shall be used.

**TRUCK OFF-HIGHWAY [ TRU ]**

<u>OVER</u>	<u>TO</u>	Code	Rate
9.1 (10)	13.6 (15)	<b>10-15</b>	\$20.77
16.3 (18)	20.0 (22)	<b>18-22</b>	\$35.98
20.0 (22)	24.5 (27)	<b>22-27</b>	\$46.04
24.5 (27)	29.0 (32)	<b>27-32</b>	\$51.76
29.0 (32)	36.3 (40)	<b>32-40</b>	\$74.51
36.3 (40)	49.9 (55)	<b>40-55</b>	\$101.26
49.9 (55)	60.8 (67)	<b>55-67</b>	\$112.92

**TRUCKS, DUMP, ON-HIGHWAY [ TRUON ]**

**DELAY FACTOR = 0.32 OVERTIME FACTOR = 0.70**

Includes all end dump, side dump and belly dump types; including all attachments and accessories.

**TRUCK ON-HIGHWAY [ TRU ]**

<u>Model</u>	Code	Rate
2 axles	<b>2AXL</b>	\$13.31
3 axles	<b>3AXL</b>	\$23.70
4 axles	<b>4AXL</b>	\$28.88
5 axles	<b>5AXL</b>	\$31.42

**WELDING EQUIPMENT [ WELD ]**

**DELAY FACTOR = 0.30 OVERTIME FACTOR = 0.73**

**ARC WELDING MACHINES [ AWM ]**

Diesel, gas or electric powered. Includes helmets, holders, cable and all attachments and accessories. Rate capacity in amps.

<u>OVER</u>	<u>TO</u>	Code	Rate
0	250	<b>0-250</b>	\$2.10
250	500	<b>250-500</b>	\$4.08
over	500	<b>500</b>	\$4.23

**GAS WELDING OUTFIT [ GWO ]**

Includes regulator, 7.6 meters (25 feet) of hose, torch, goggles, lighter and attachments and accessories. Gas and rod shall be paid separately.

<u>Model</u>	Code	Rate
all	<b>ALL</b>	\$0.11